

FIG. 1A

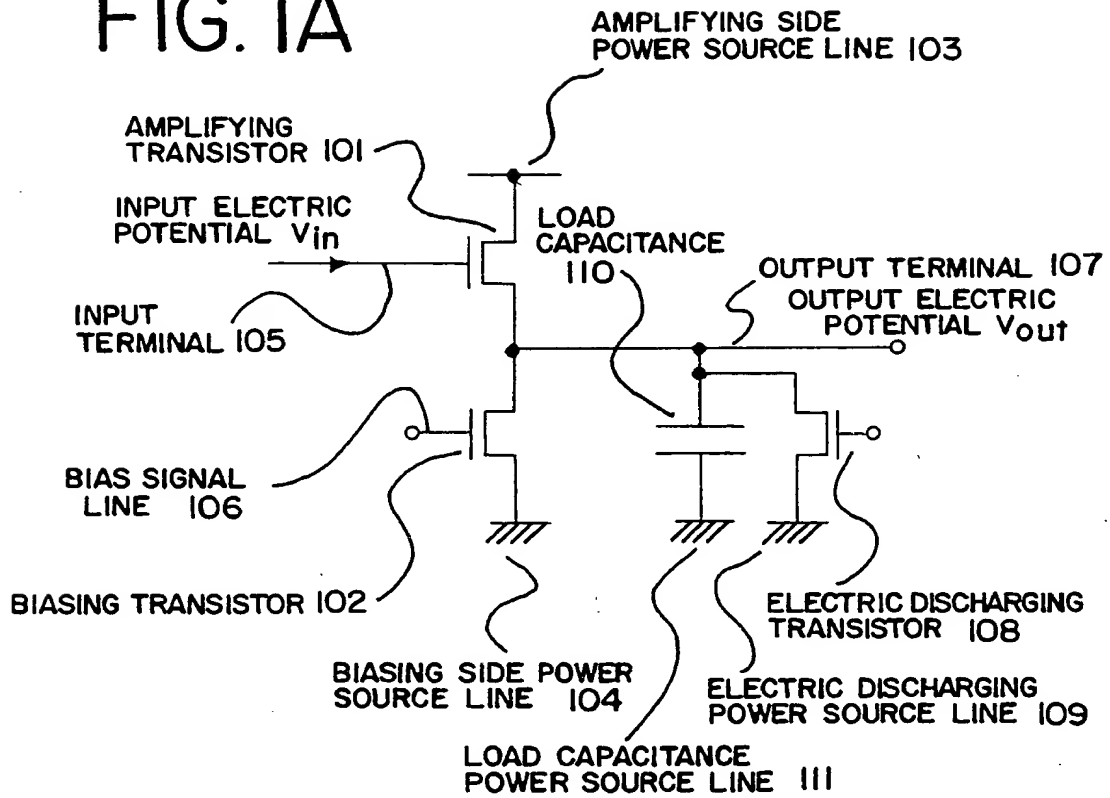


FIG. 1B

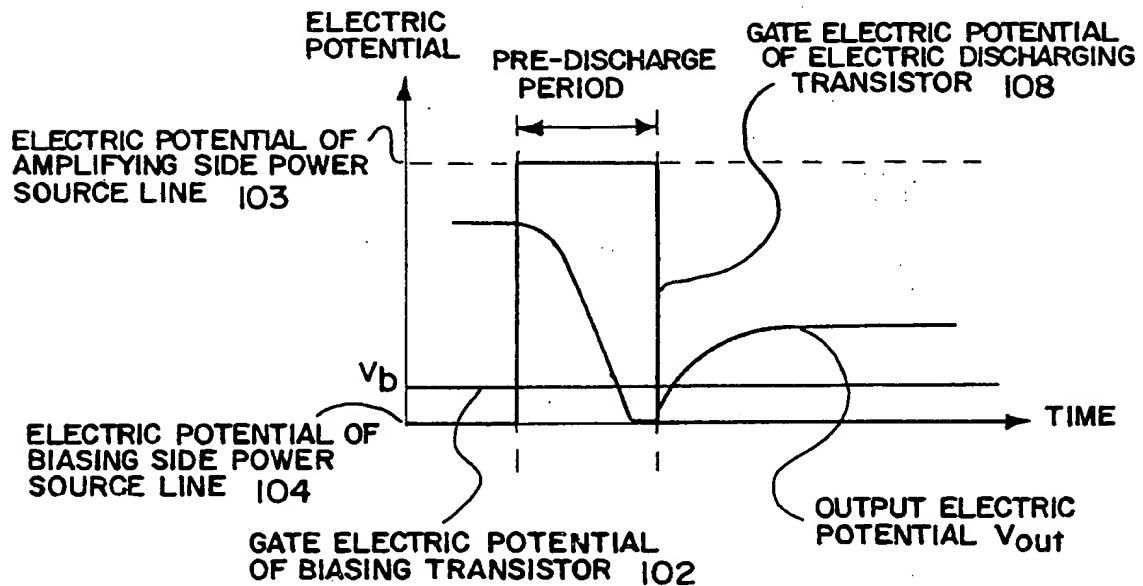


FIG. 2
PRIOR ART

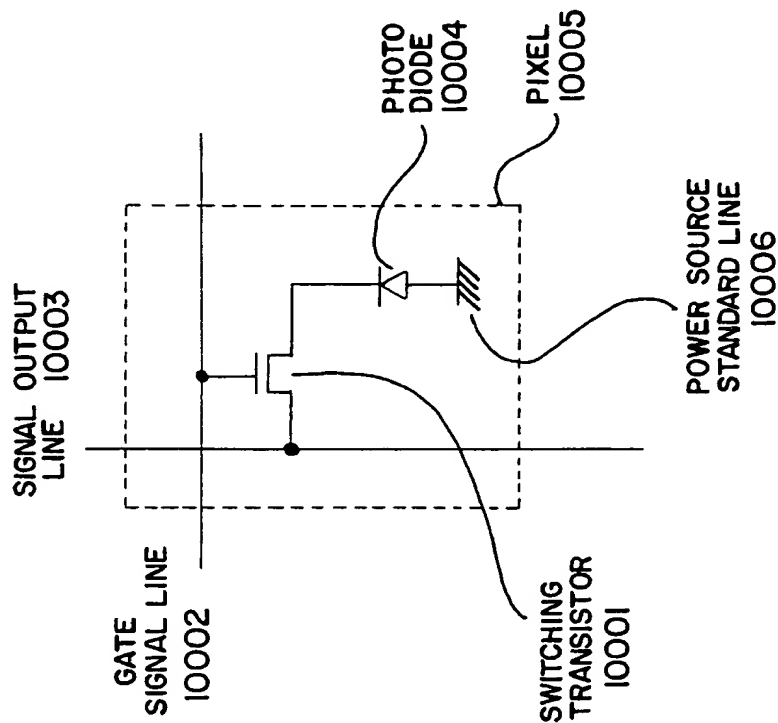


FIG. 3
PRIOR ART

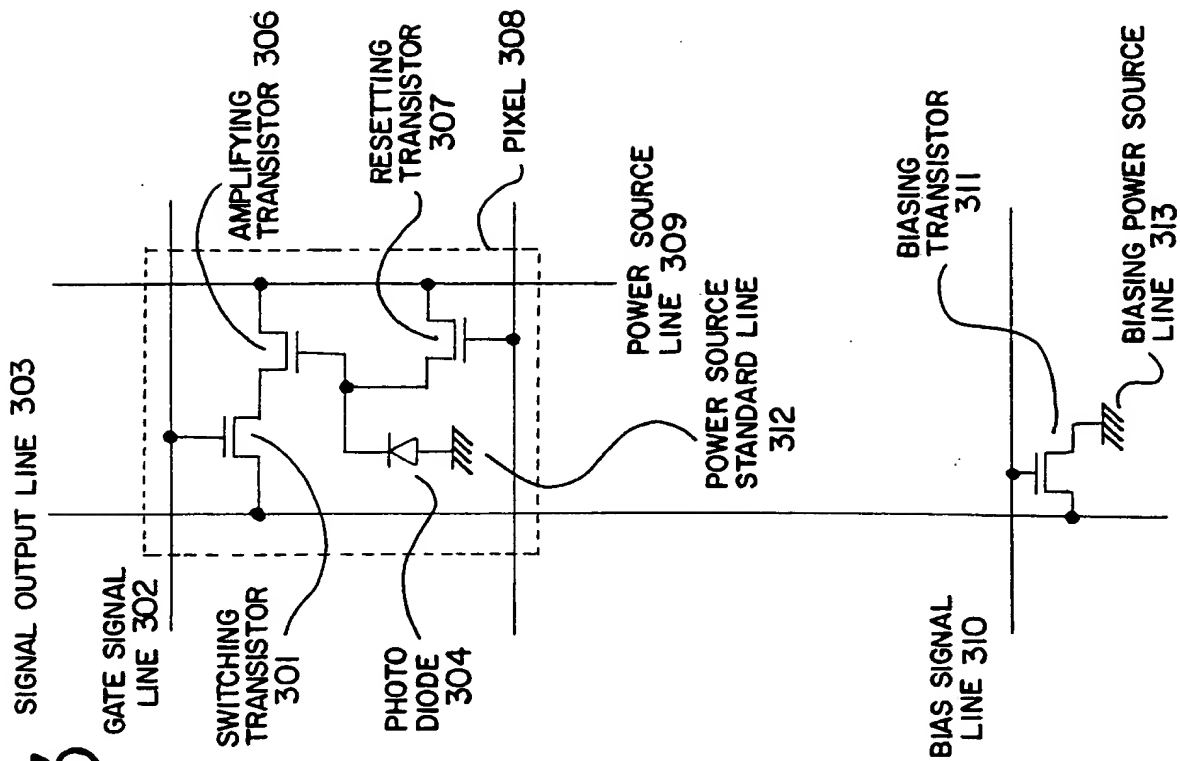


FIG. 4

PRIOR ART

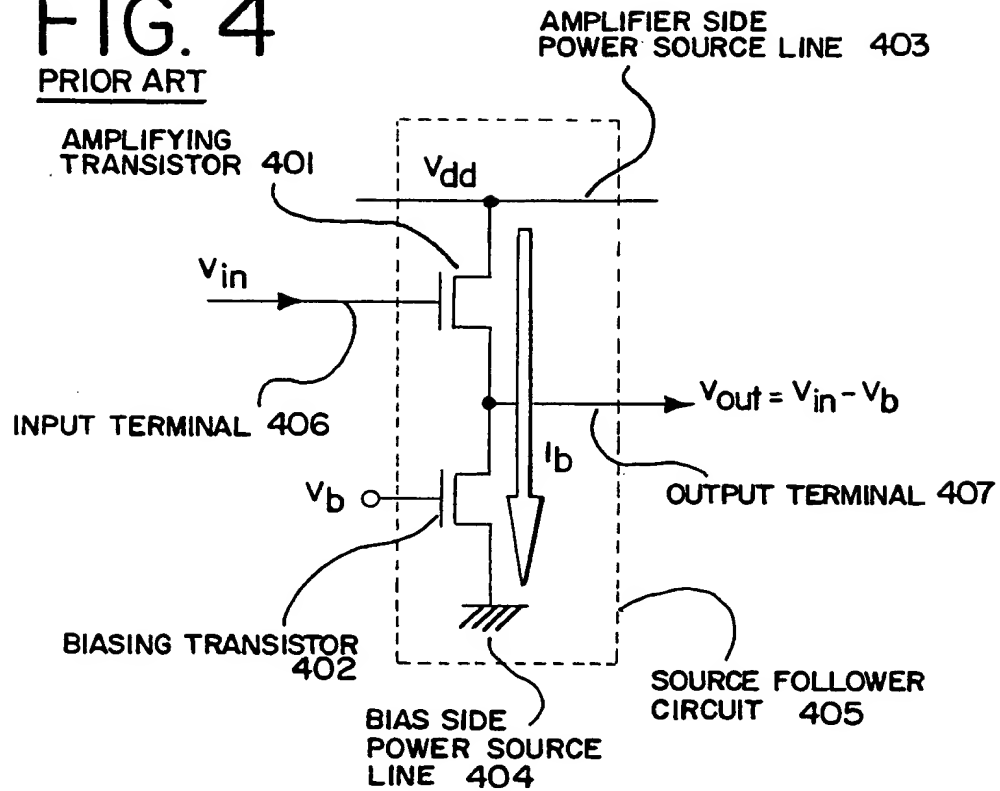


FIG. 5

PRIOR ART

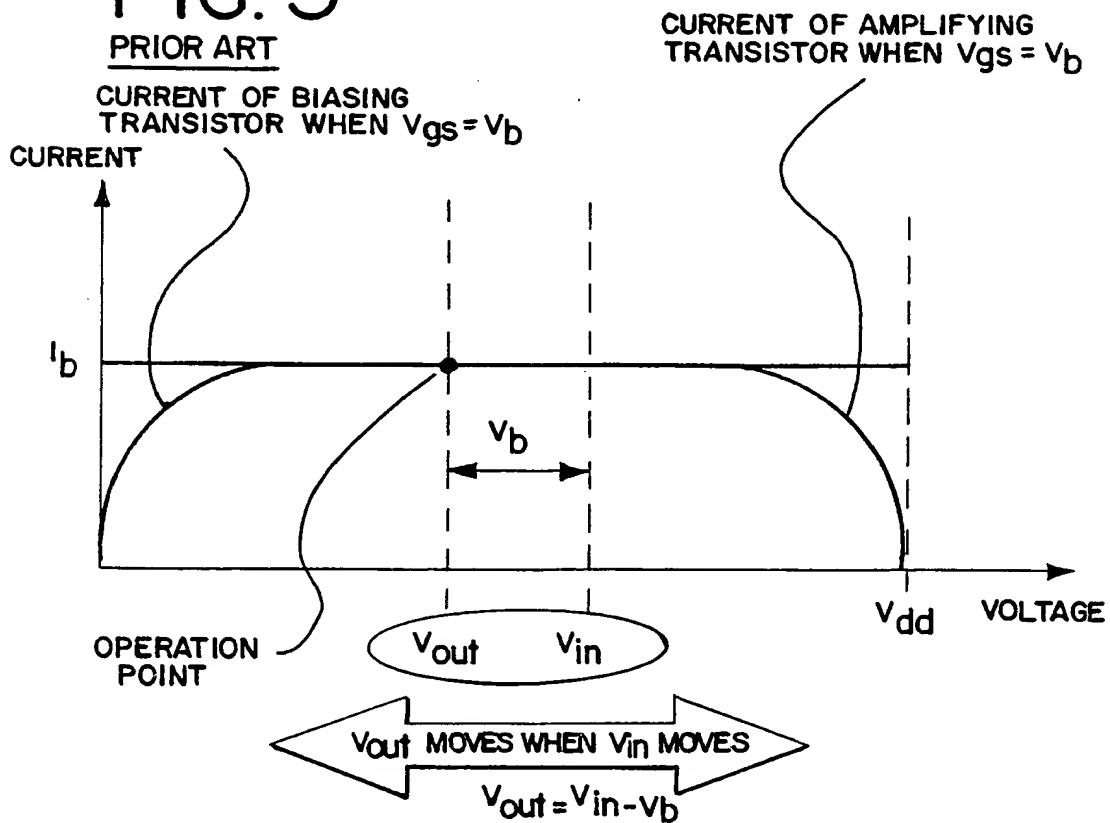


FIG. 6

PRIOR ART

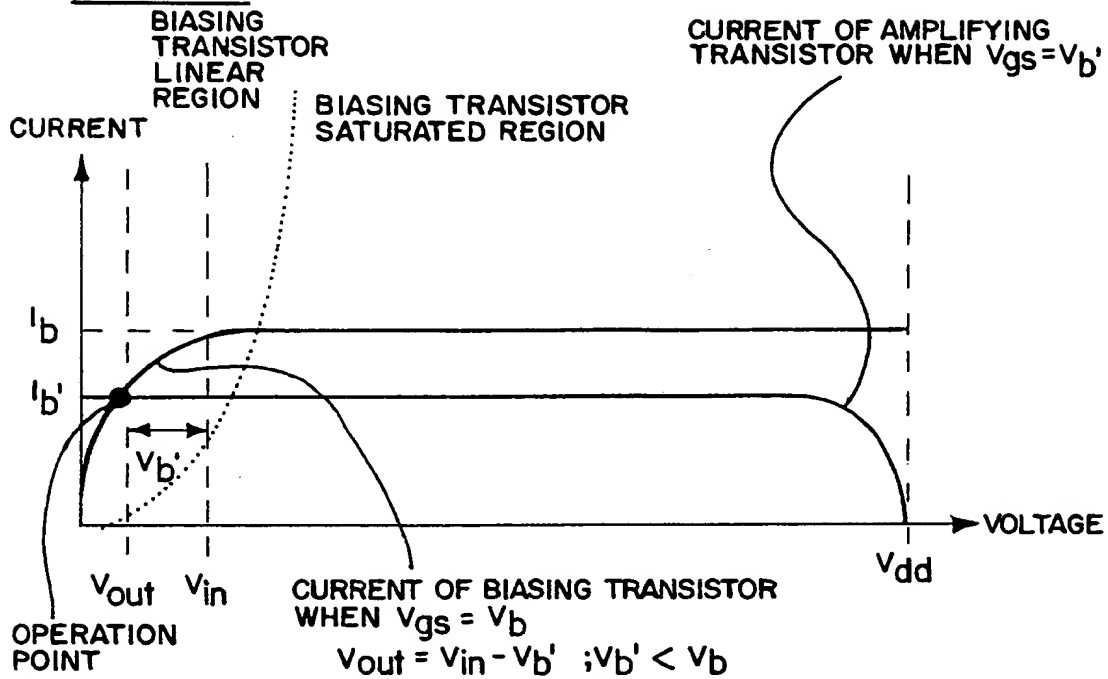


FIG. 7

PRIOR ART

NON - LINEAR

LINEAR REGION

$$V_{out} = V_{in} - V_{b'}$$

; $V_{b'}$ VARIES WITH V_{in}

$$V_{out} = V_{in} - V_b$$

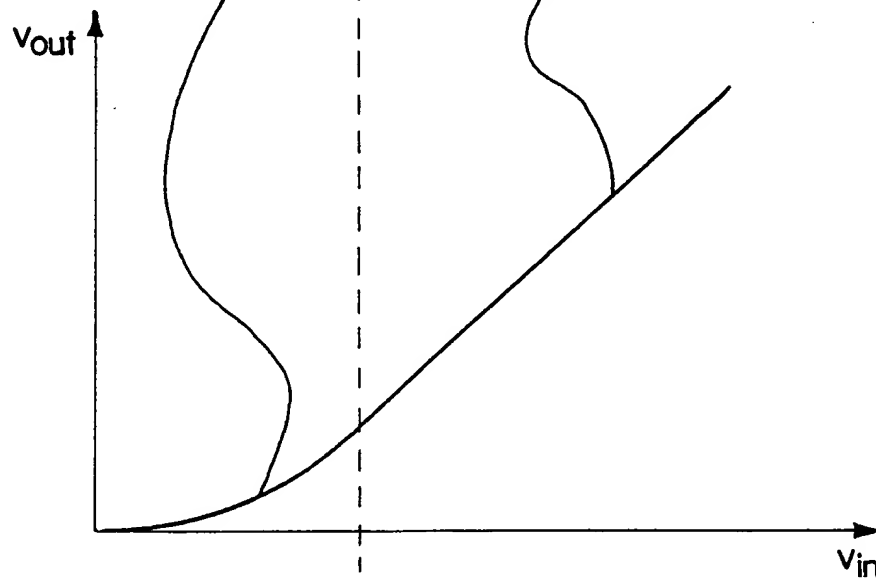


FIG. 8A

PRIOR ART

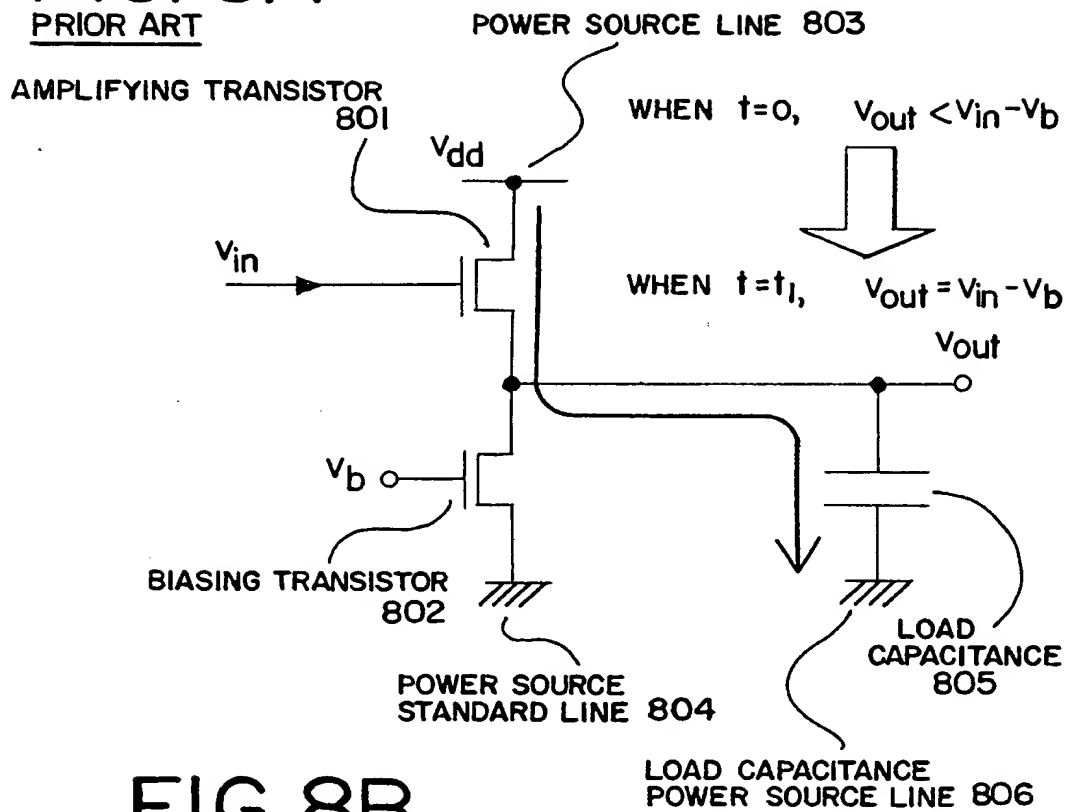


FIG. 8B

PRIOR ART

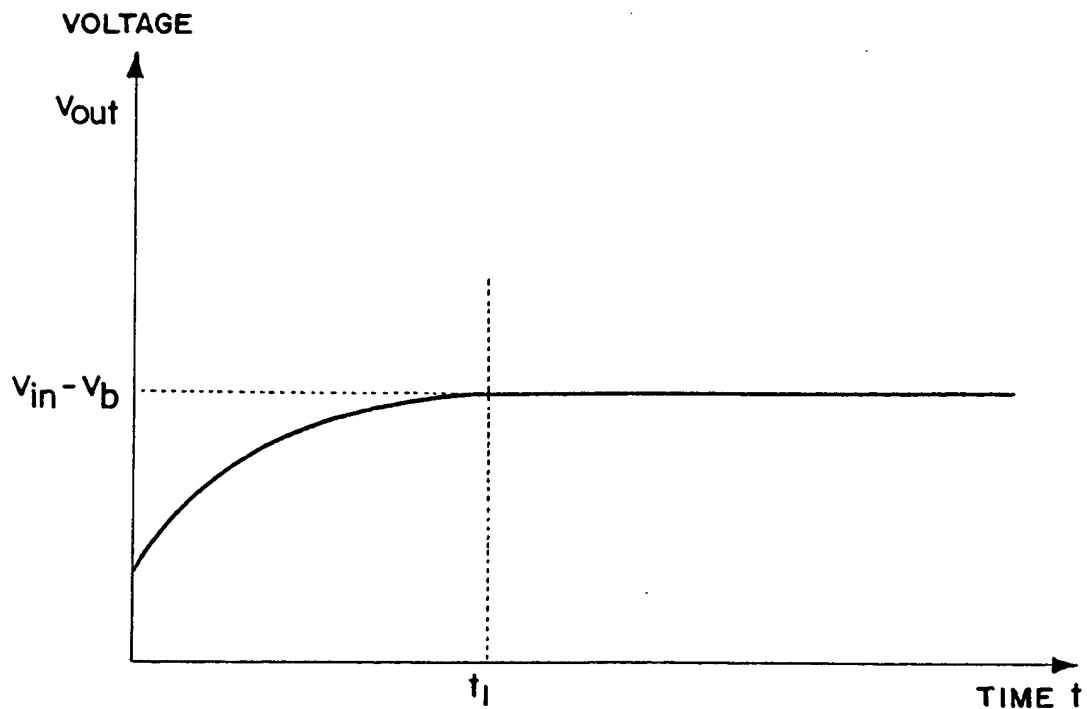


FIG. 9A

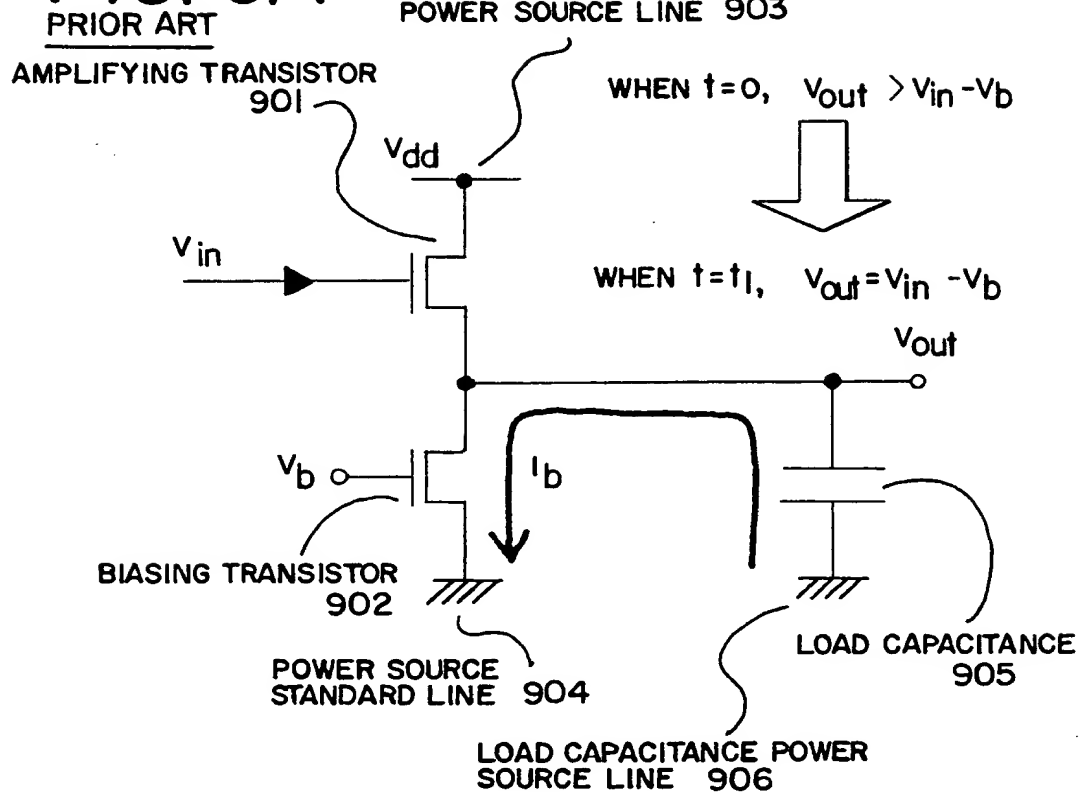


FIG. 9B

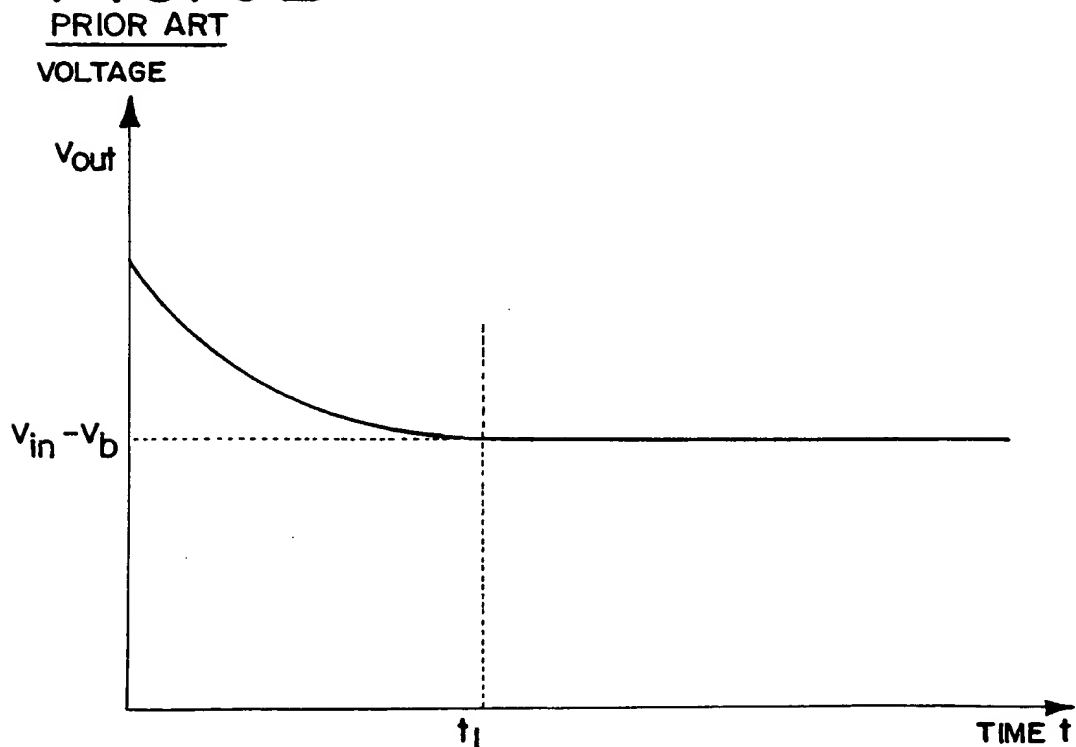


FIG. 10
PRIOR ART

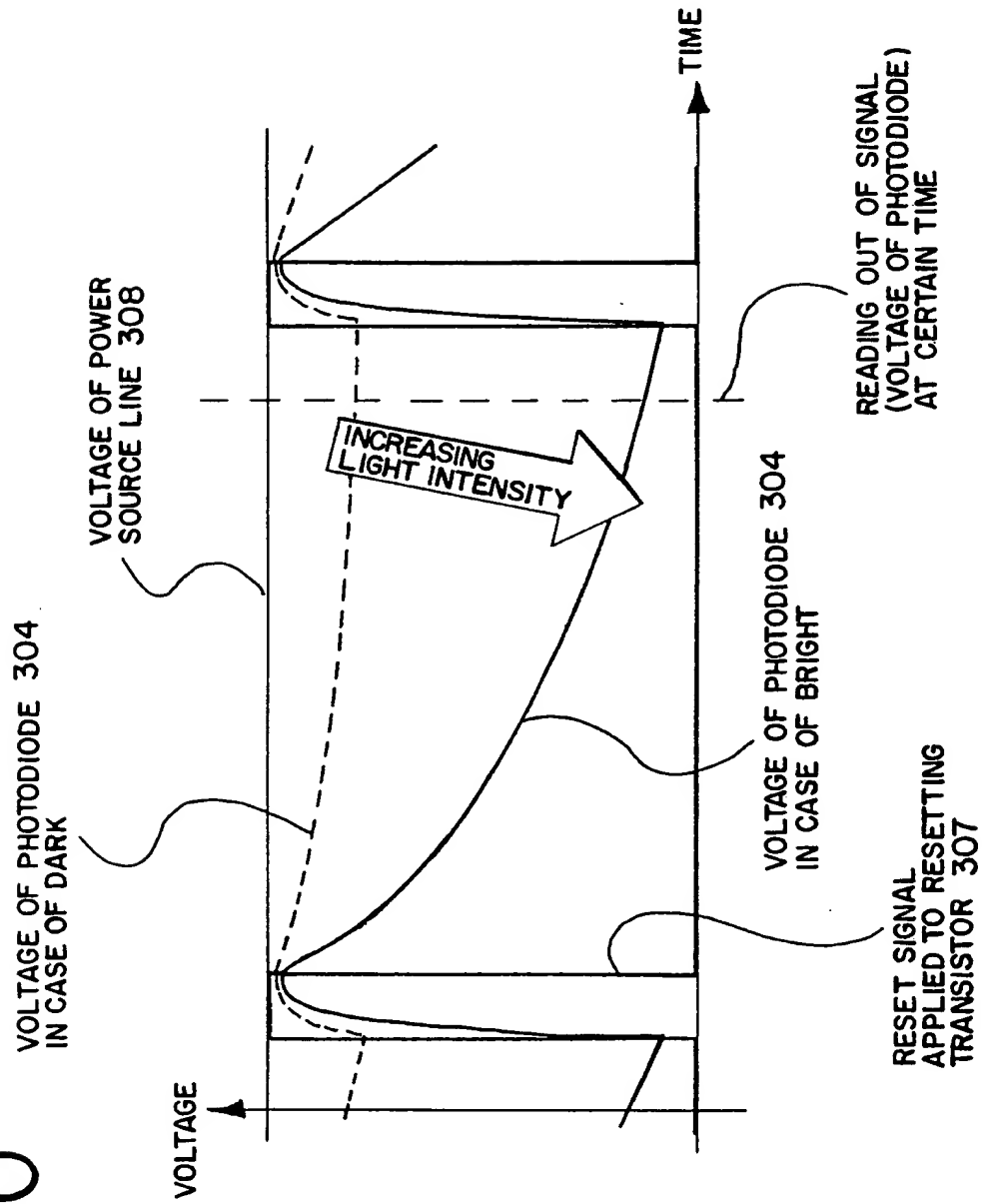


FIG. 11A

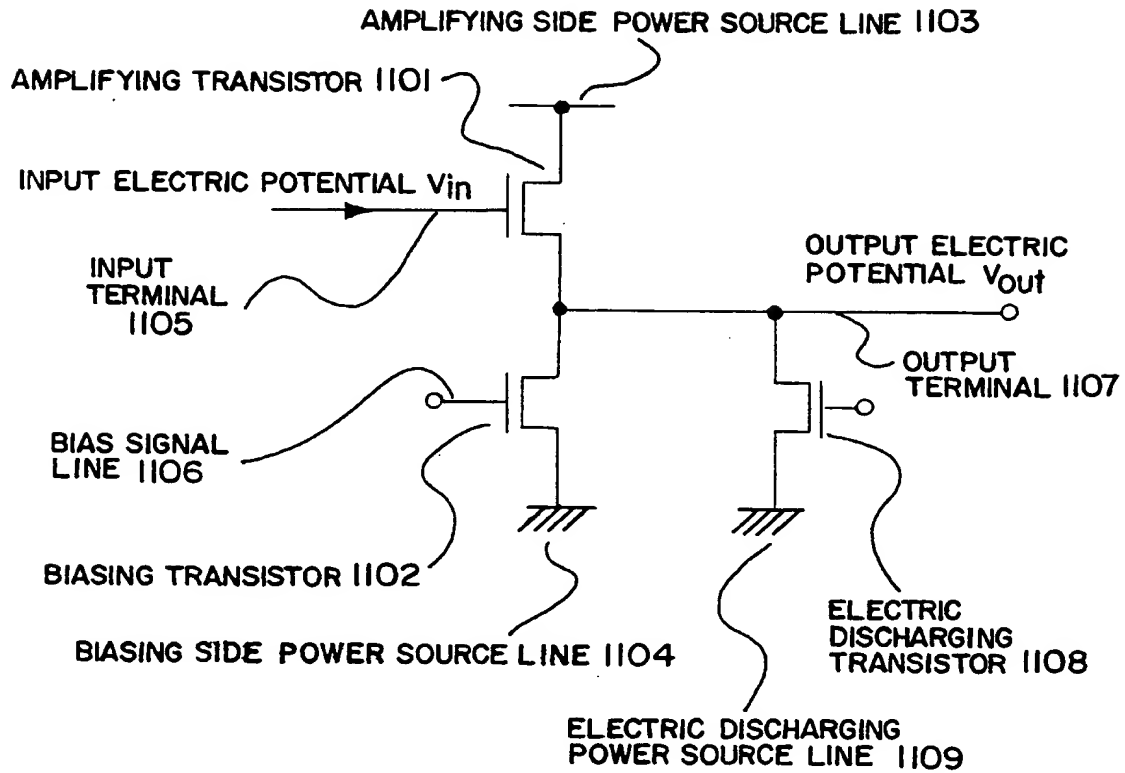


FIG. 11B

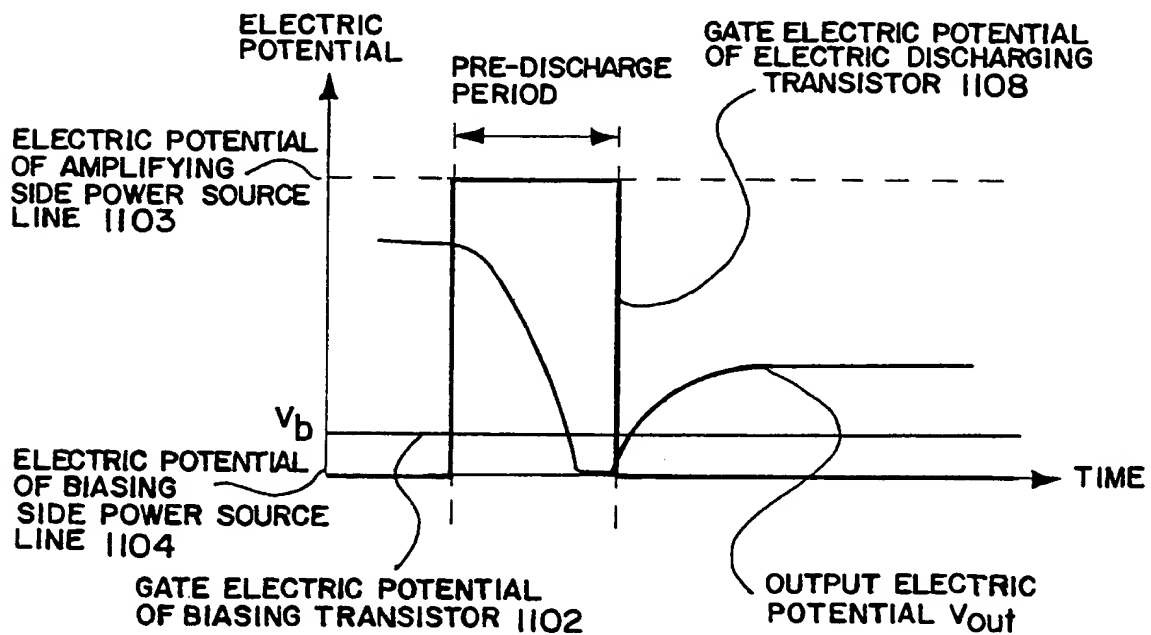


FIG. 12A

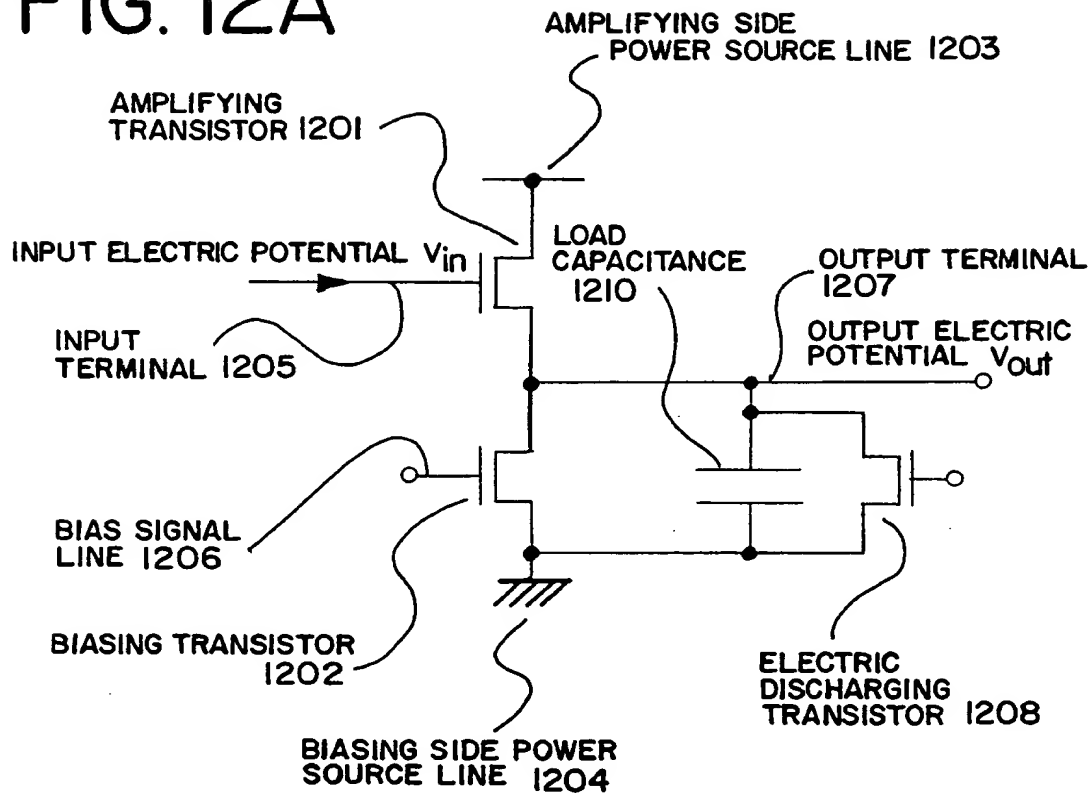


FIG. 12B

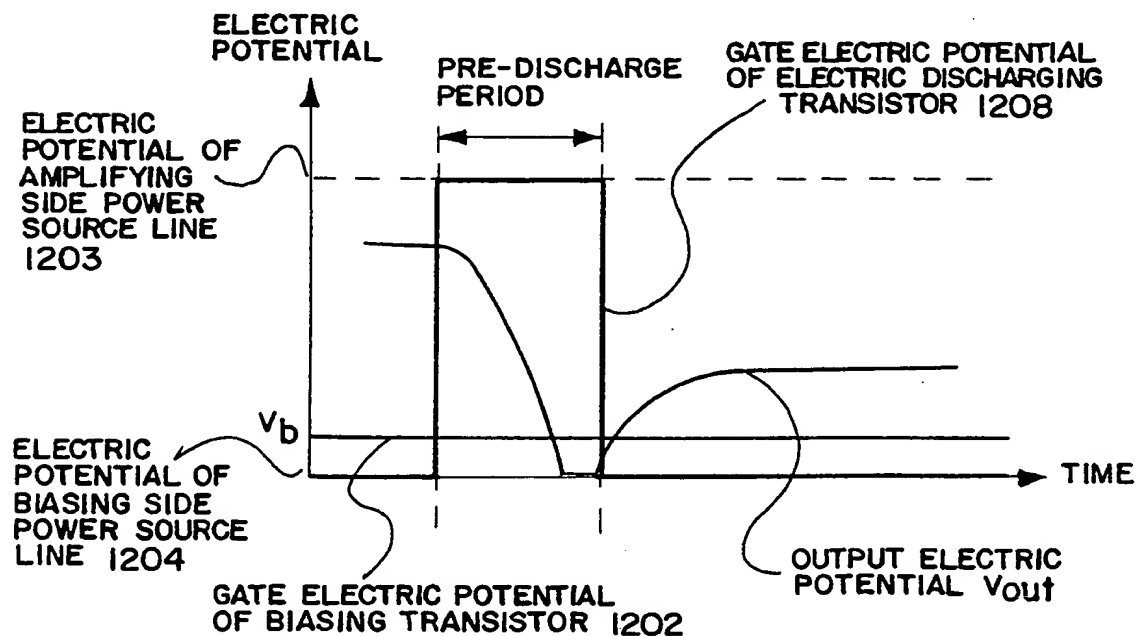


FIG. 13A

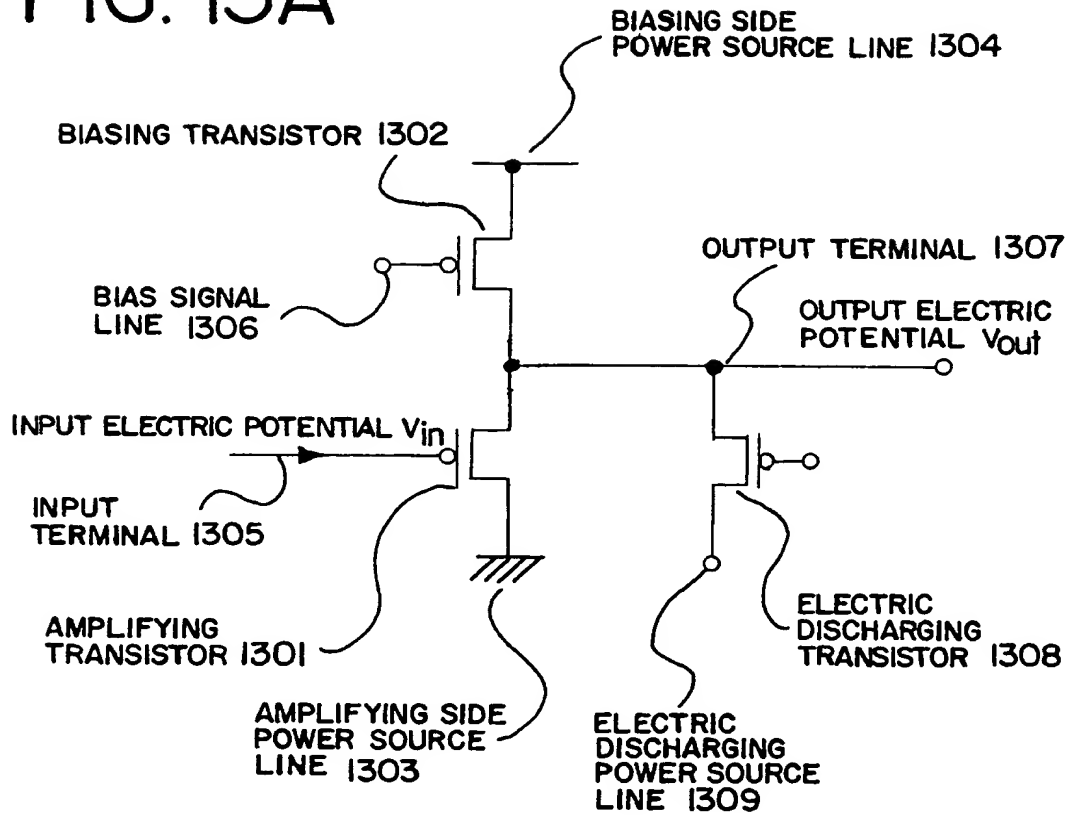


FIG. 13B

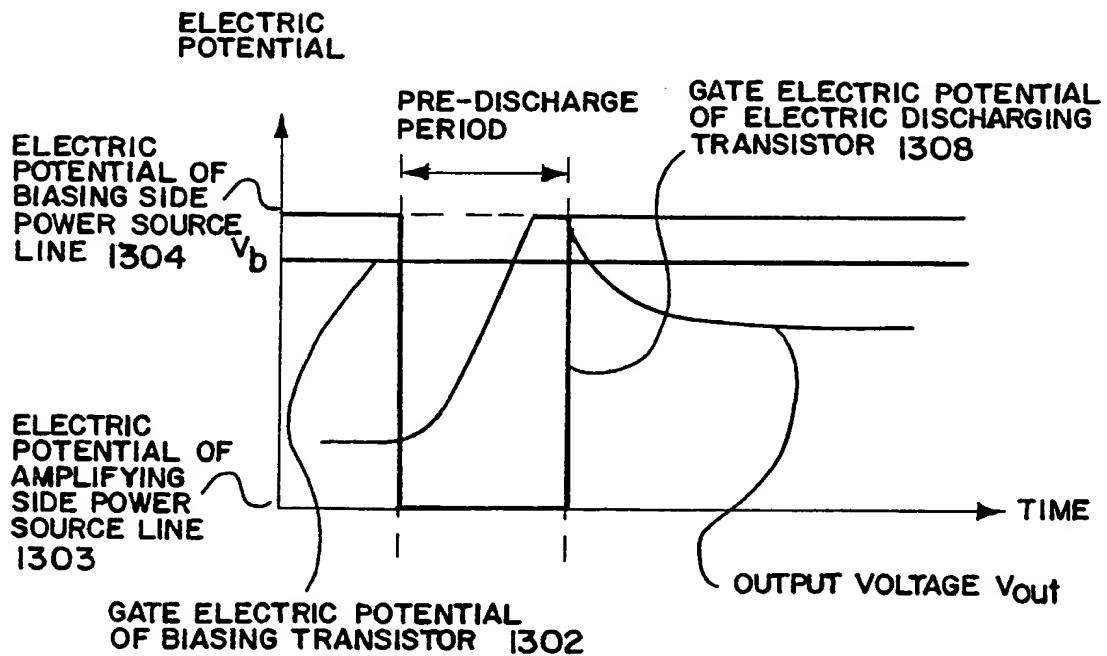


FIG. 14A

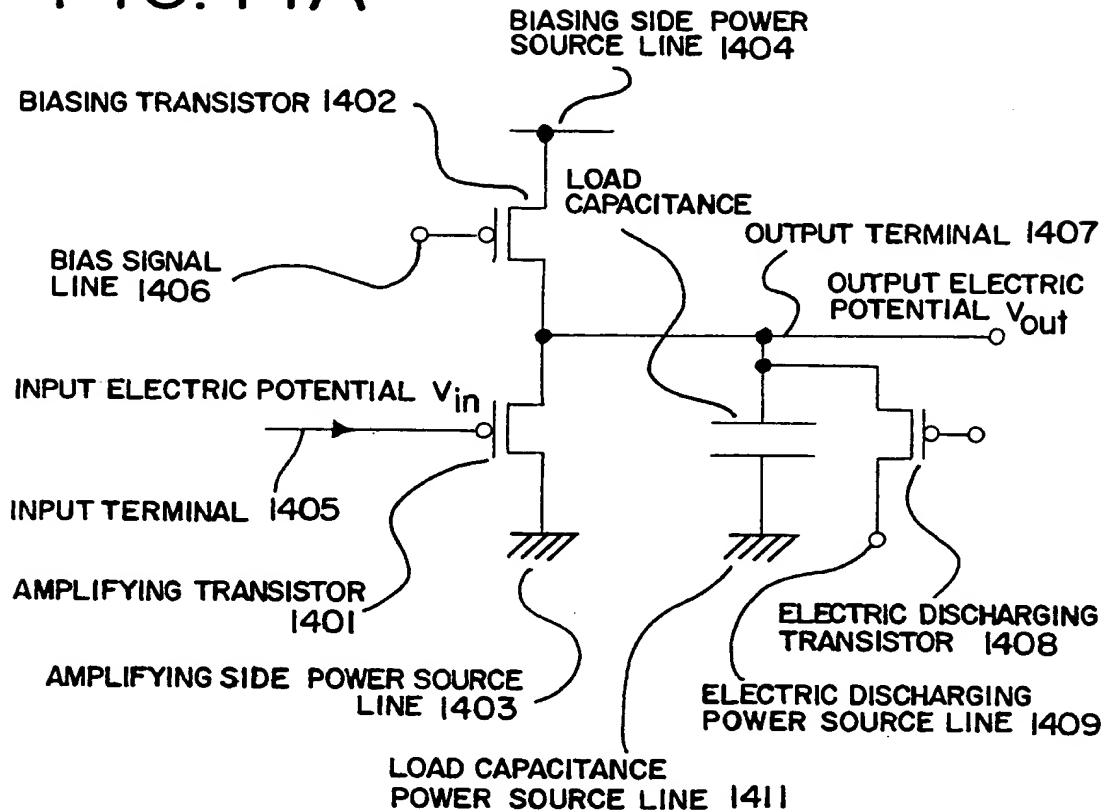


FIG. 14B

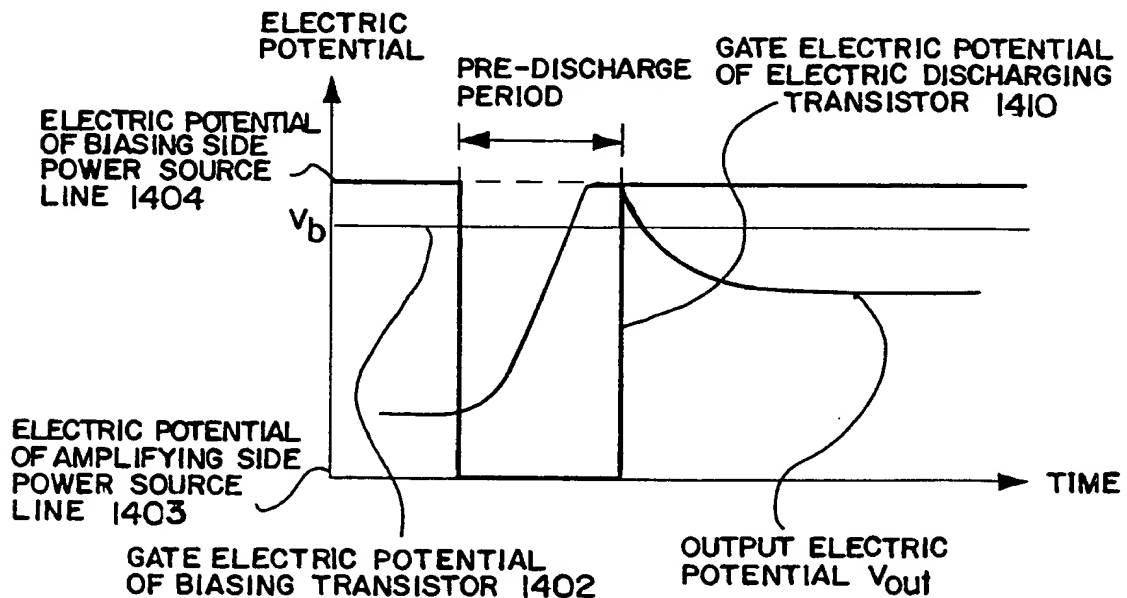


FIG. 15A

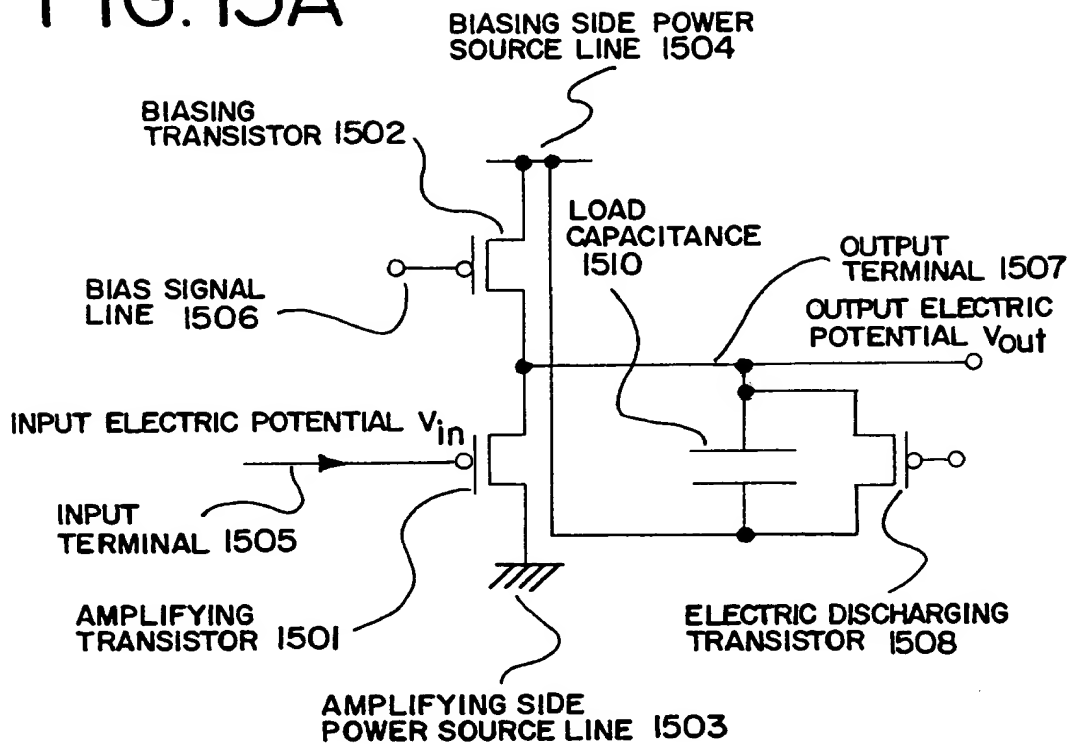


FIG. 15B

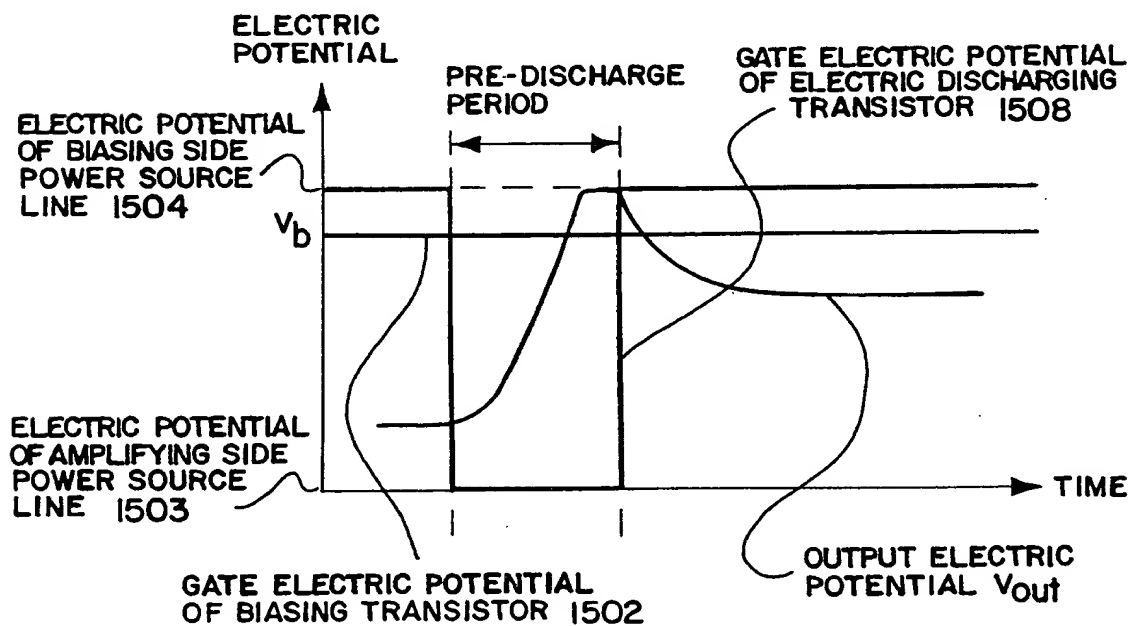


FIG. 16A

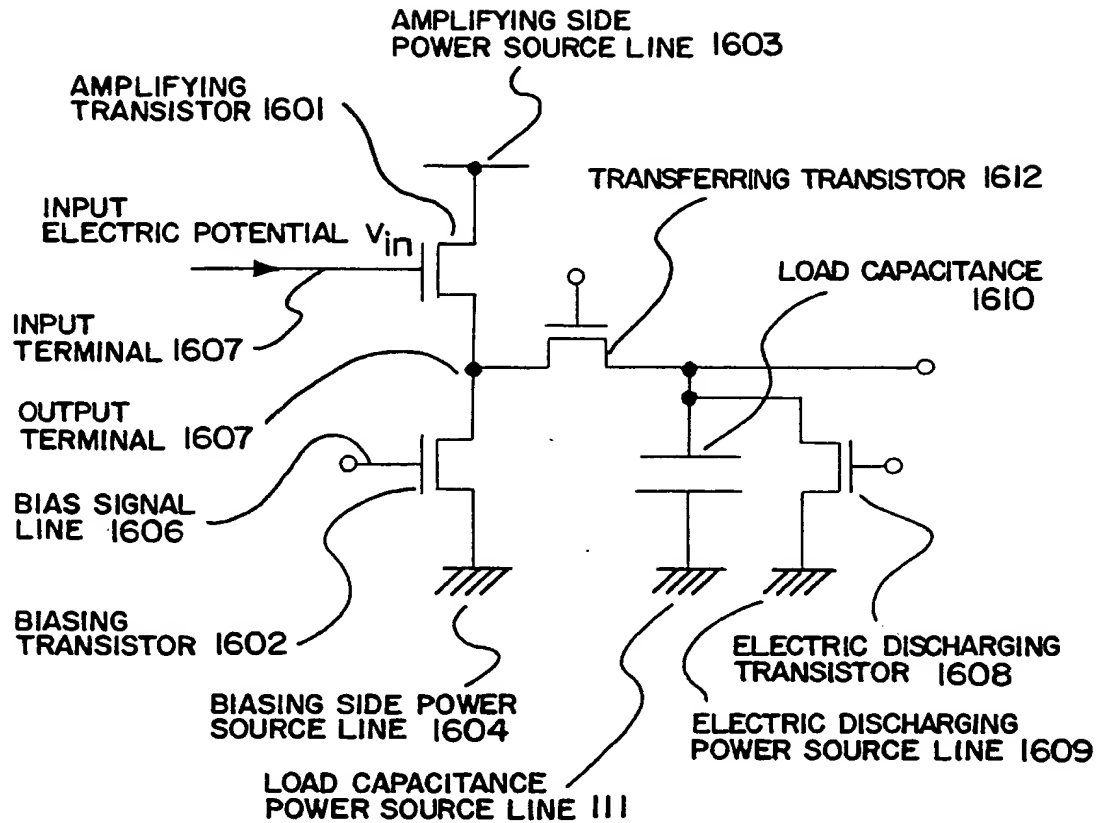


FIG. 16B

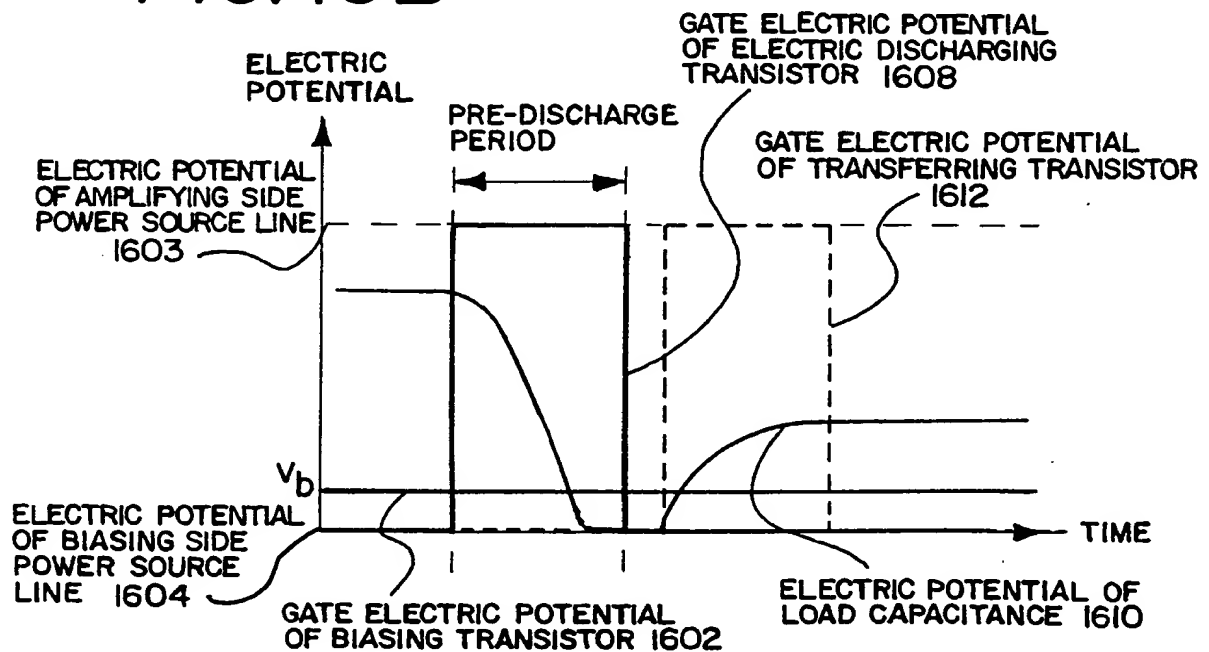


FIG. 17A

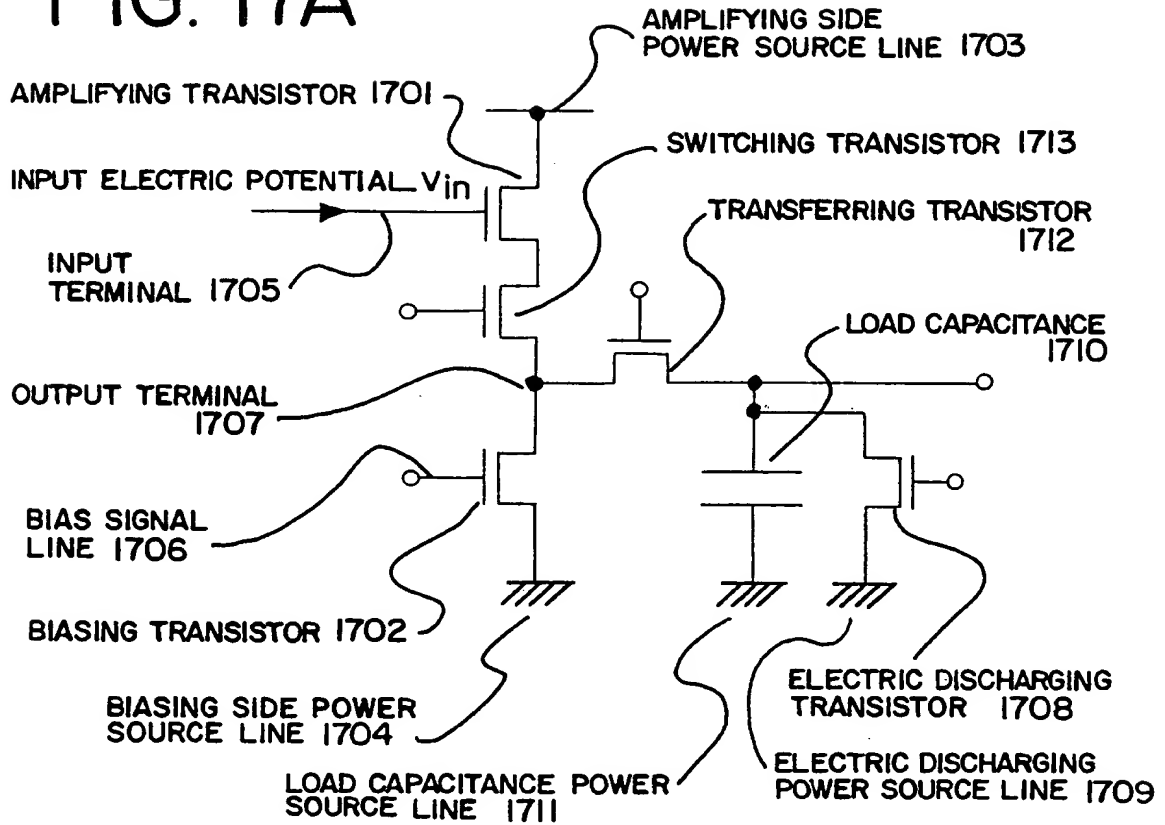


FIG. 17B

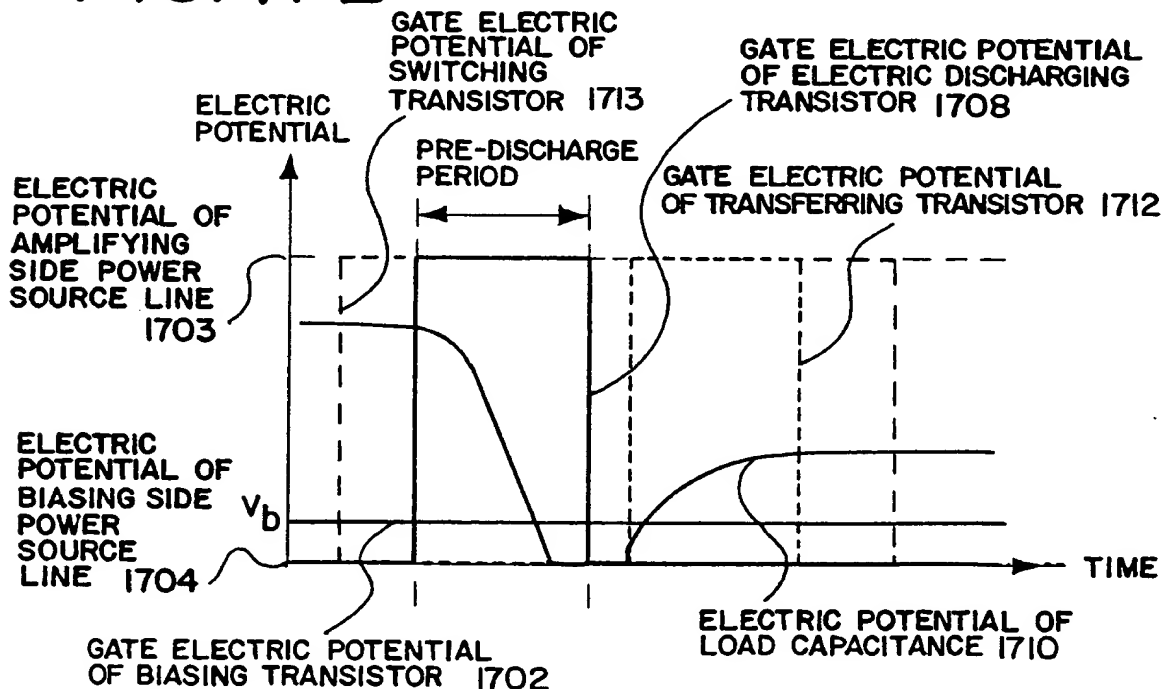


FIG. 18A

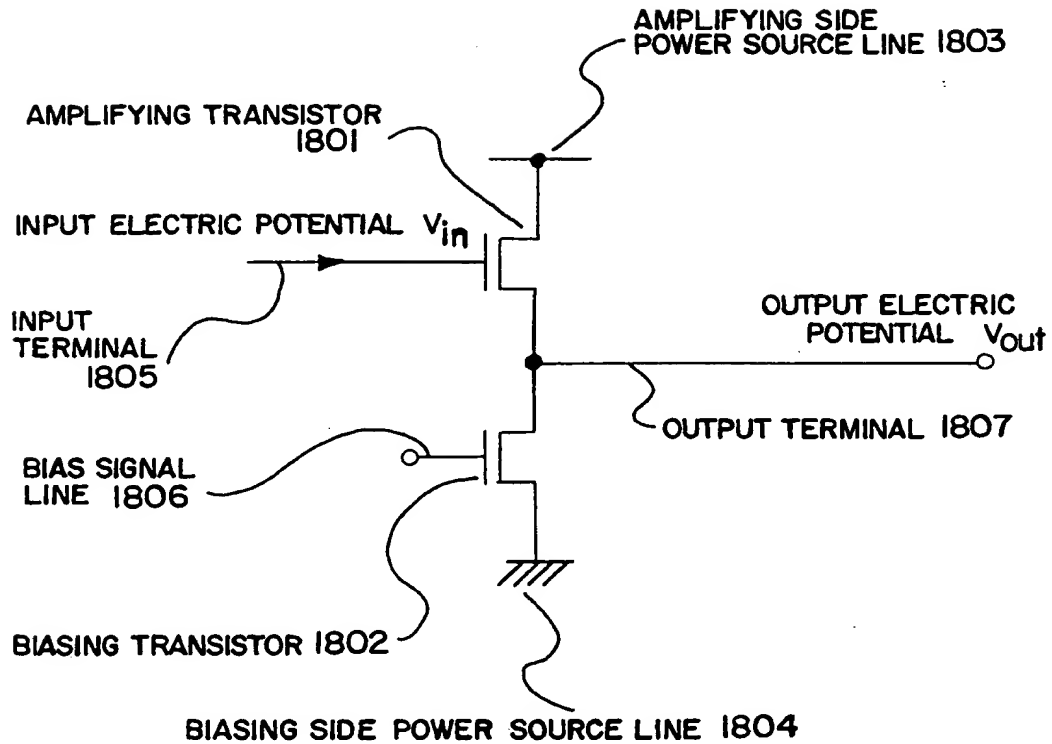


FIG. 18B

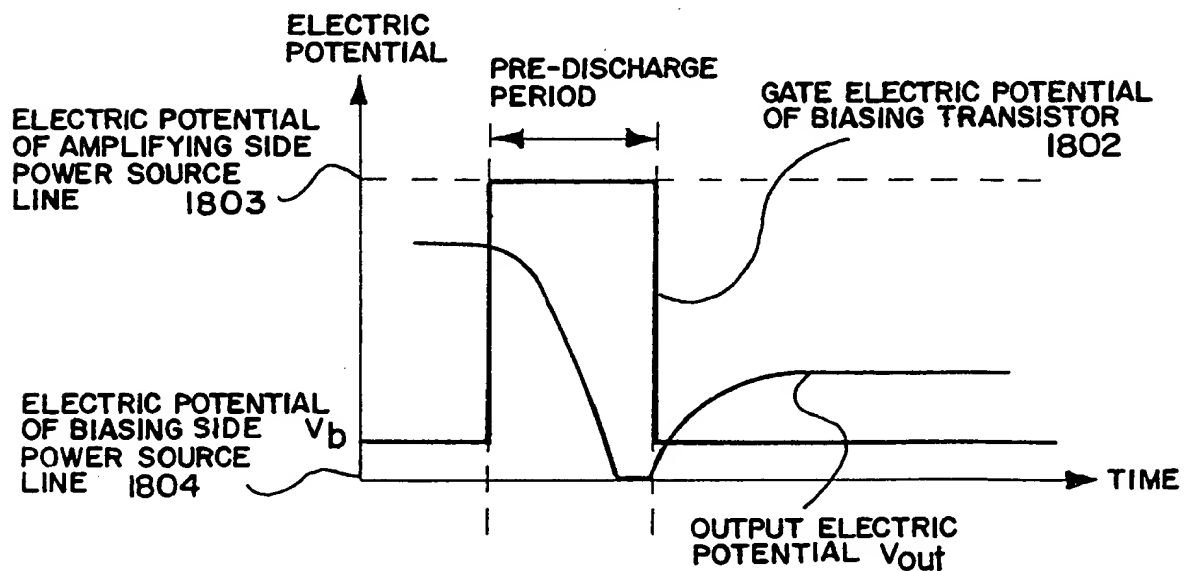


FIG. 19A

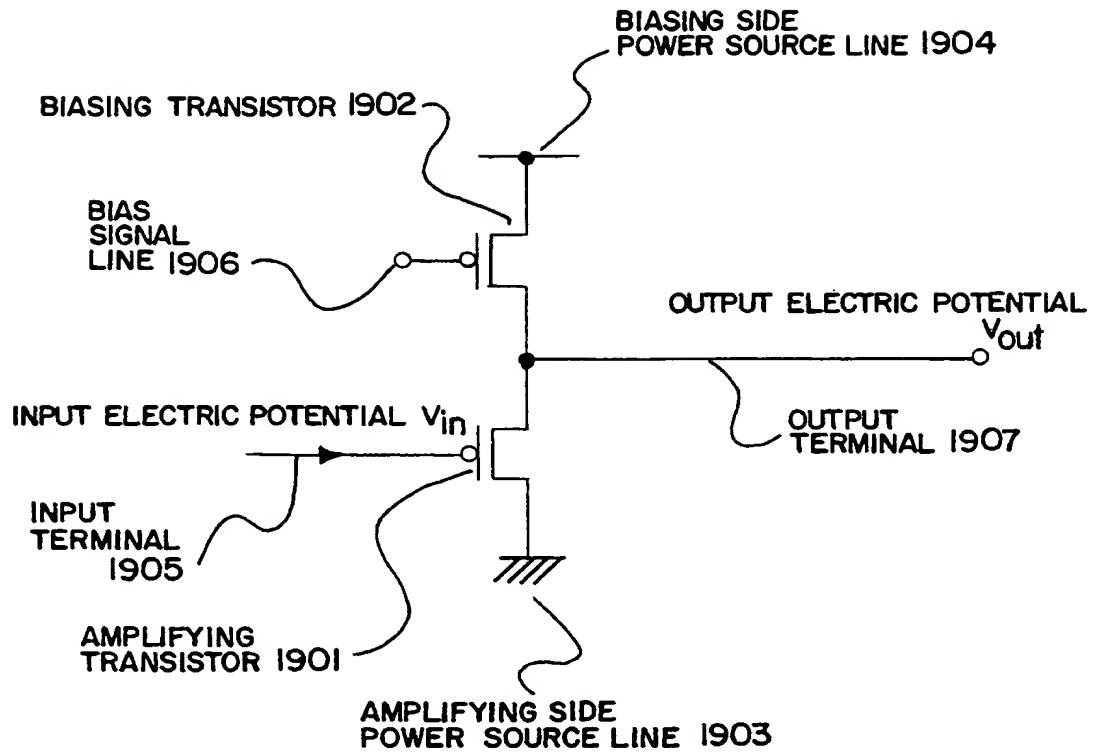


FIG. 19B

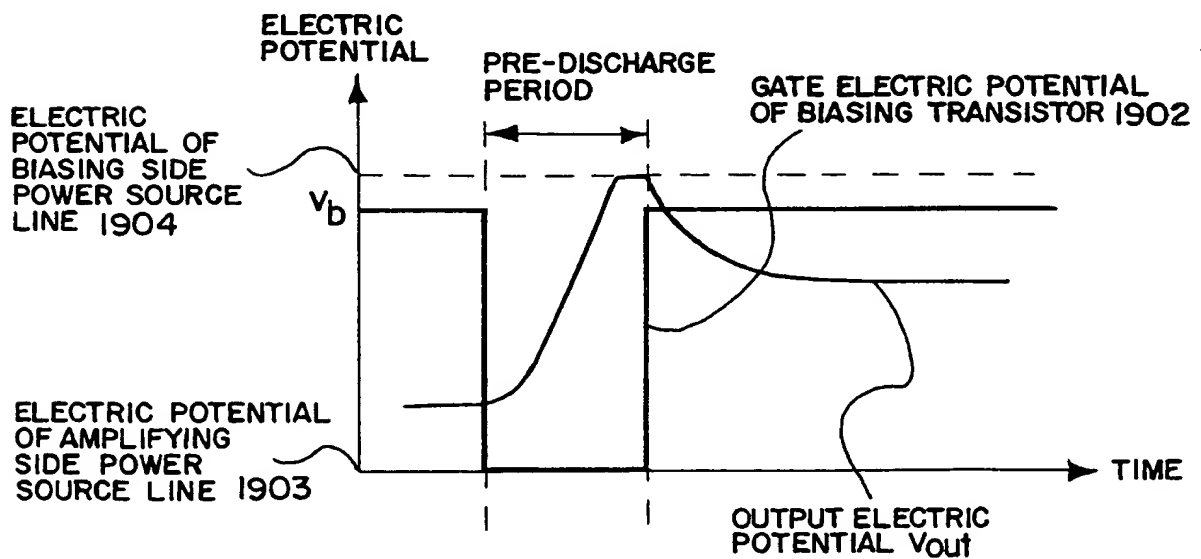


FIG. 20

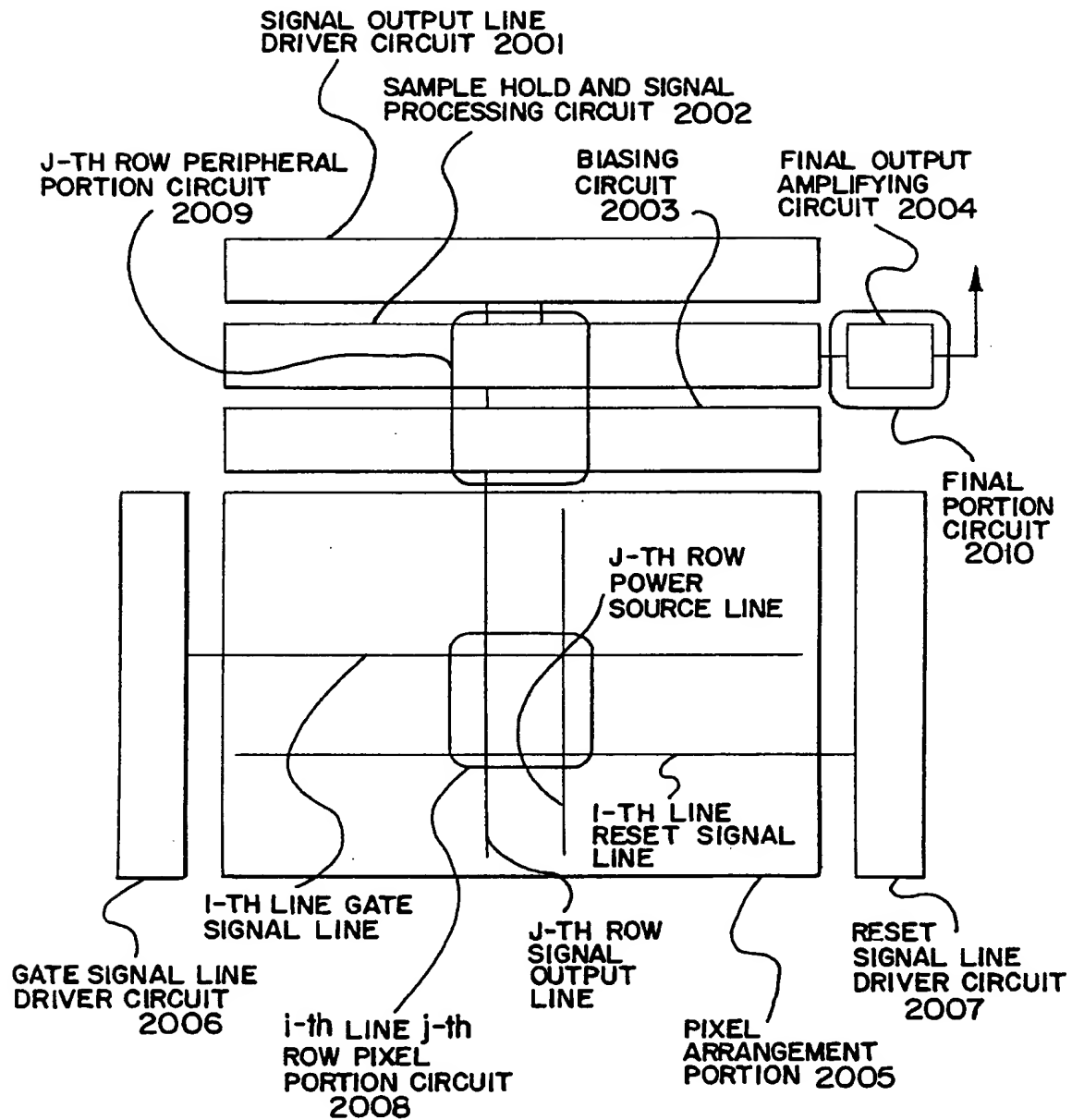


FIG. 21

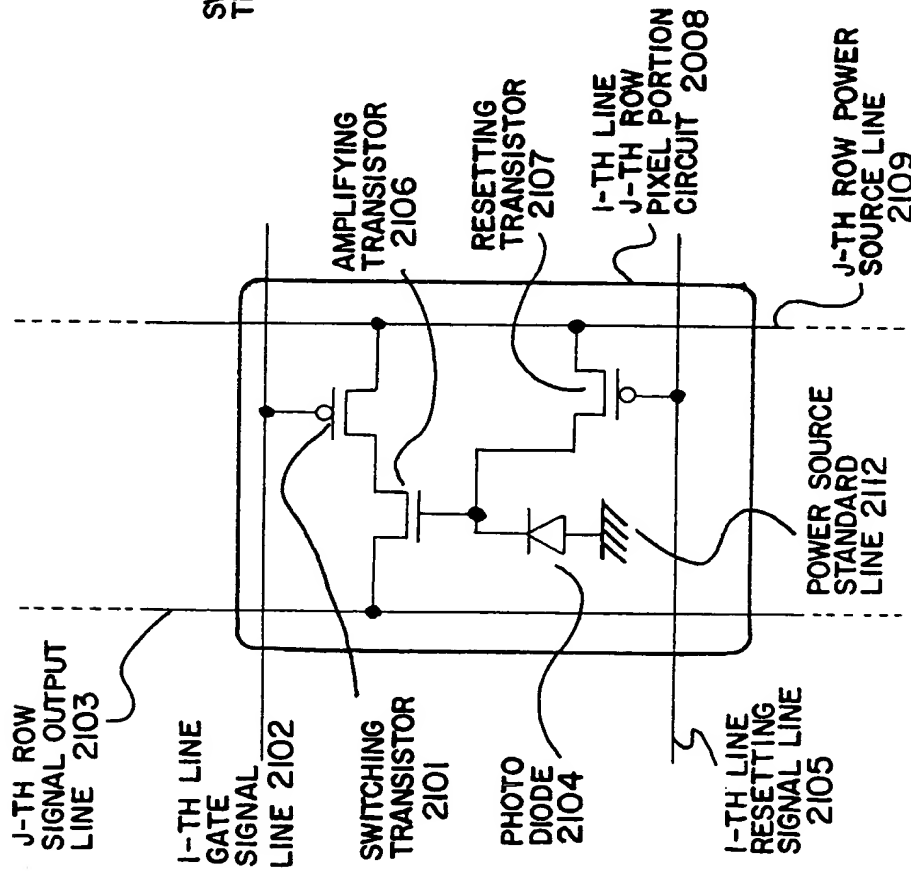


FIG. 22

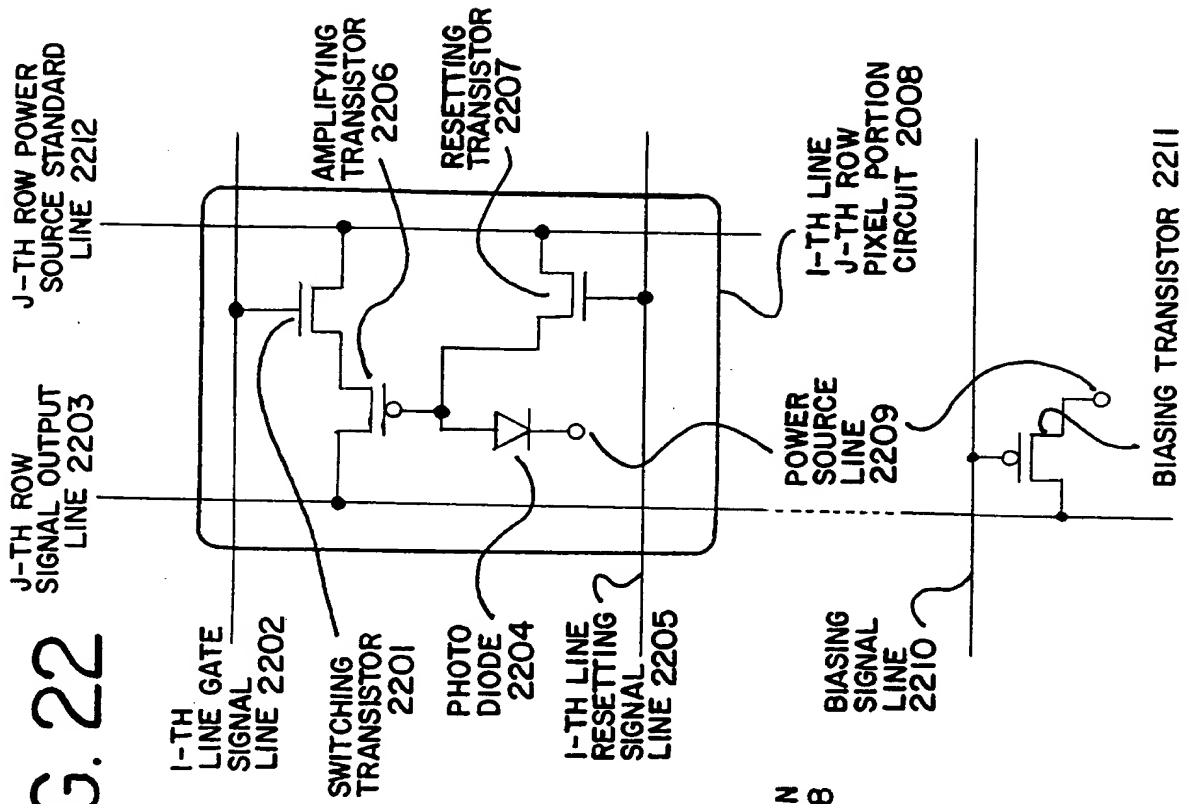


FIG. 23

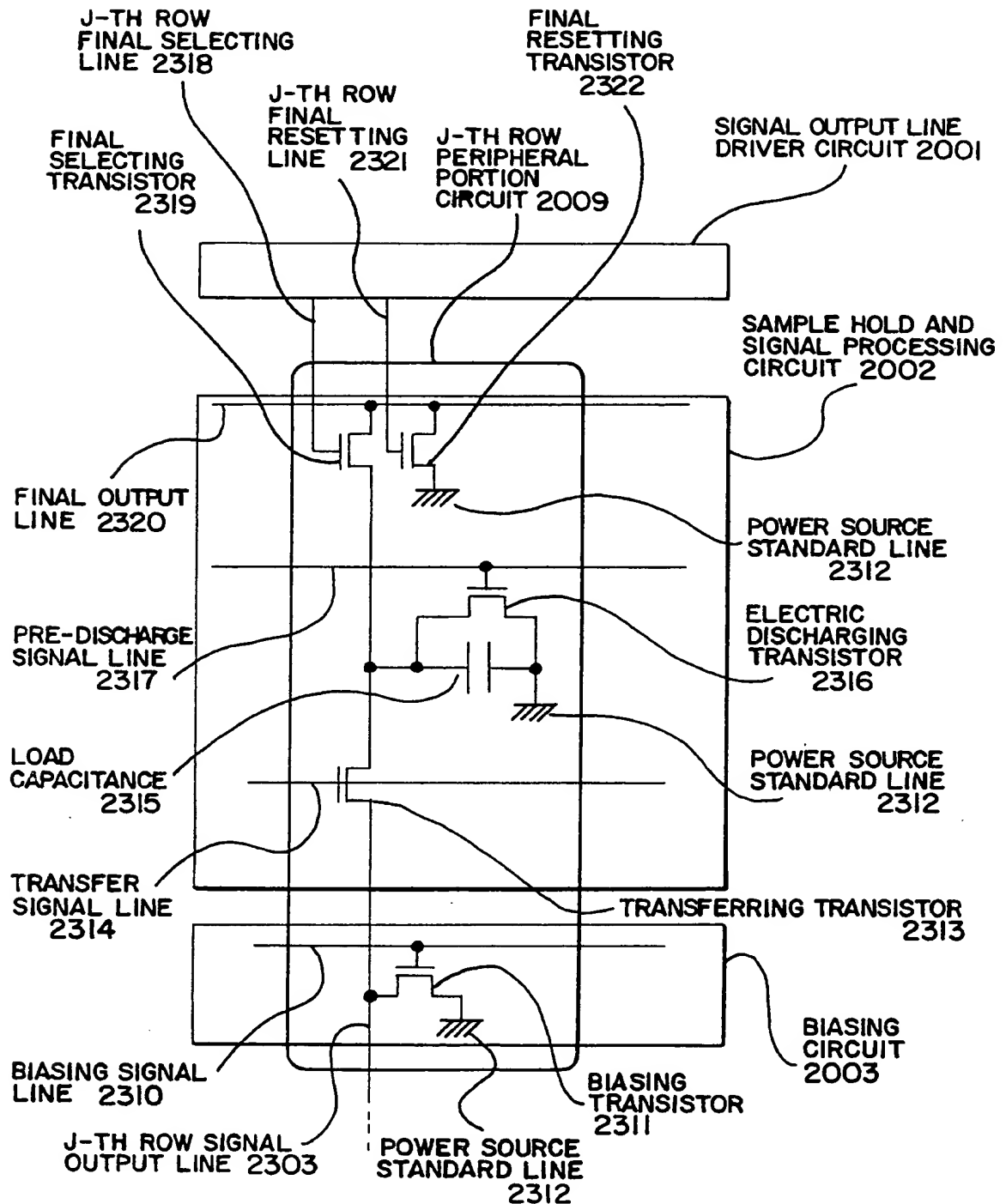


FIG. 24

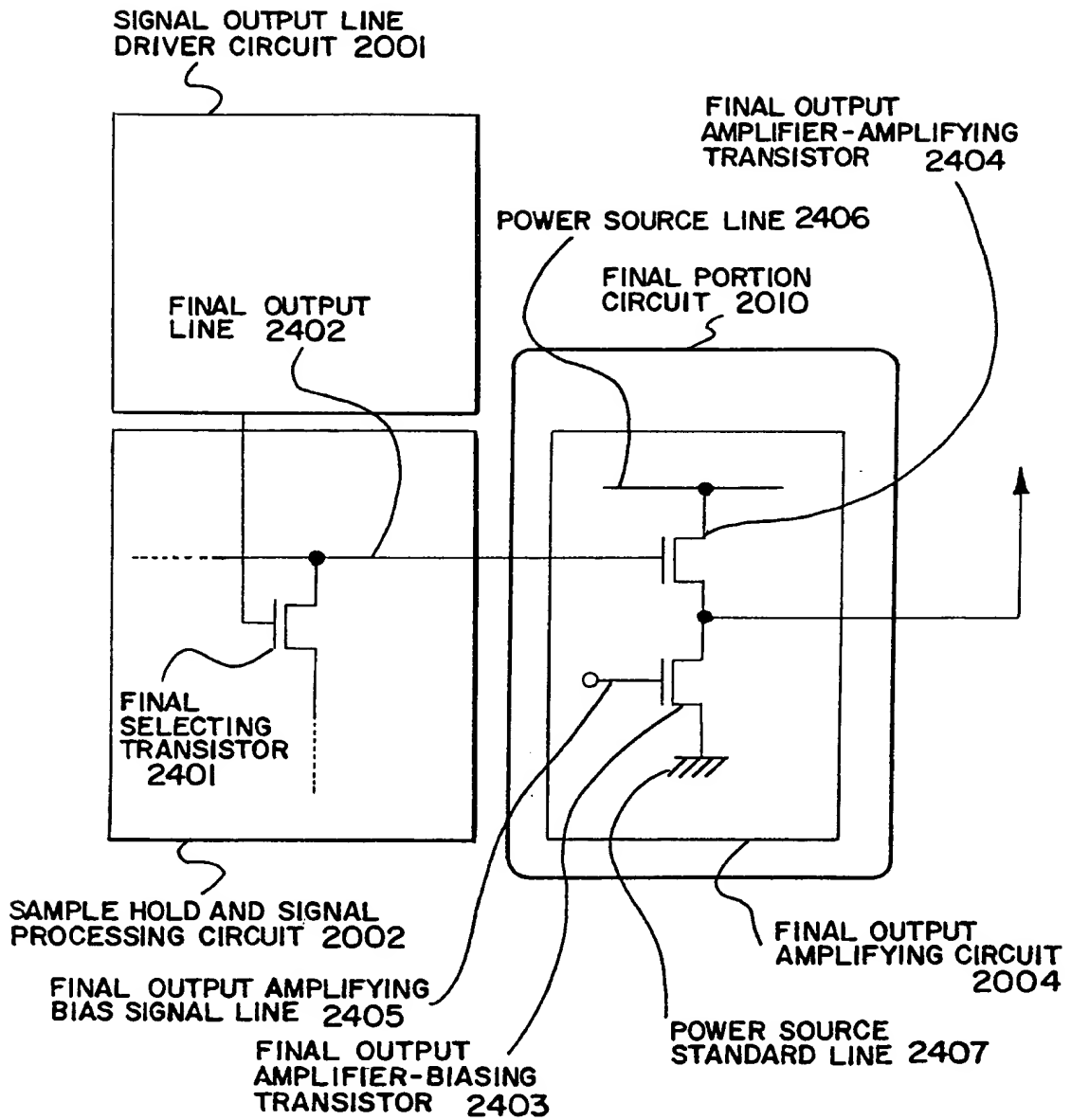


FIG. 25

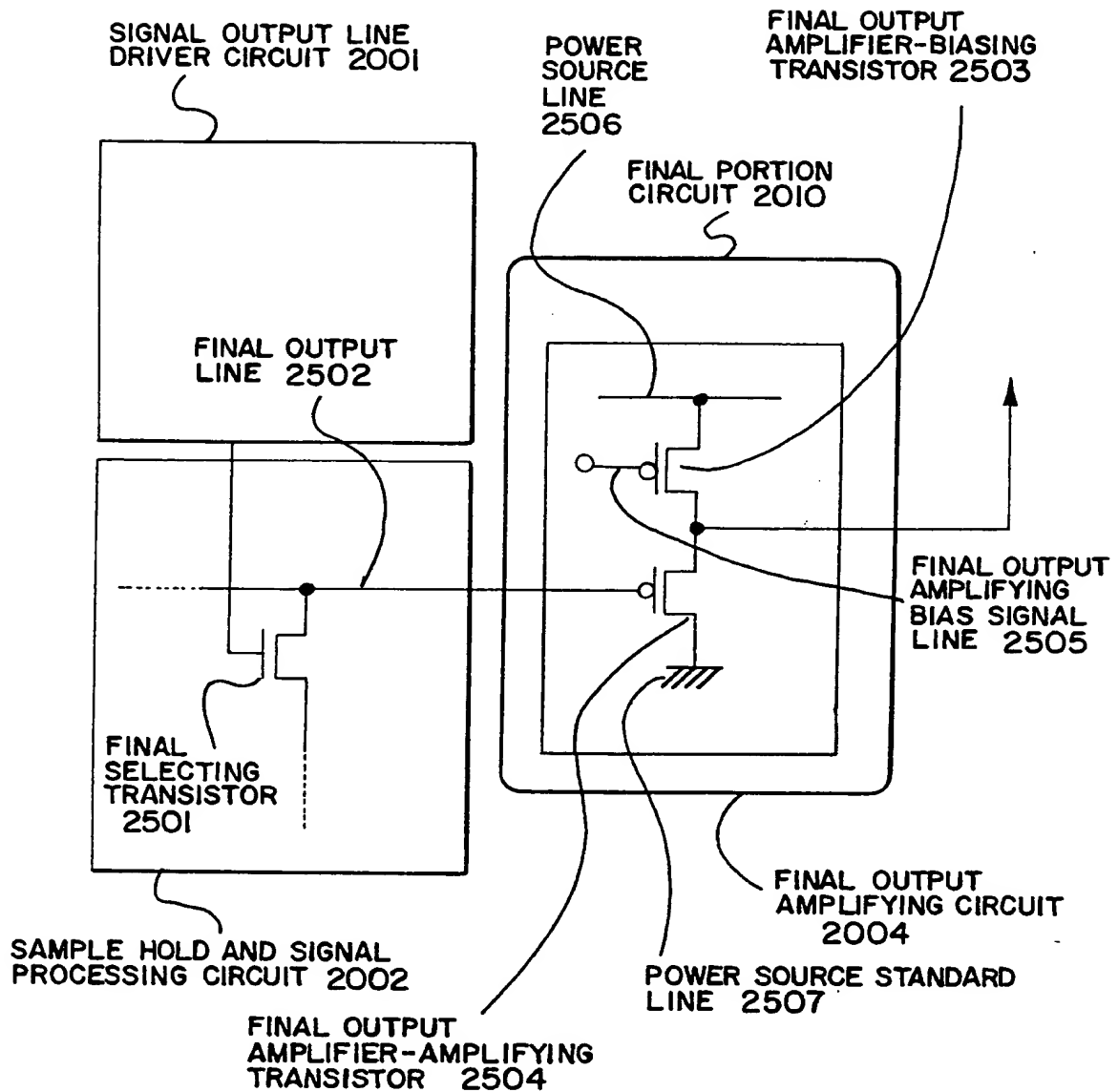


FIG. 26

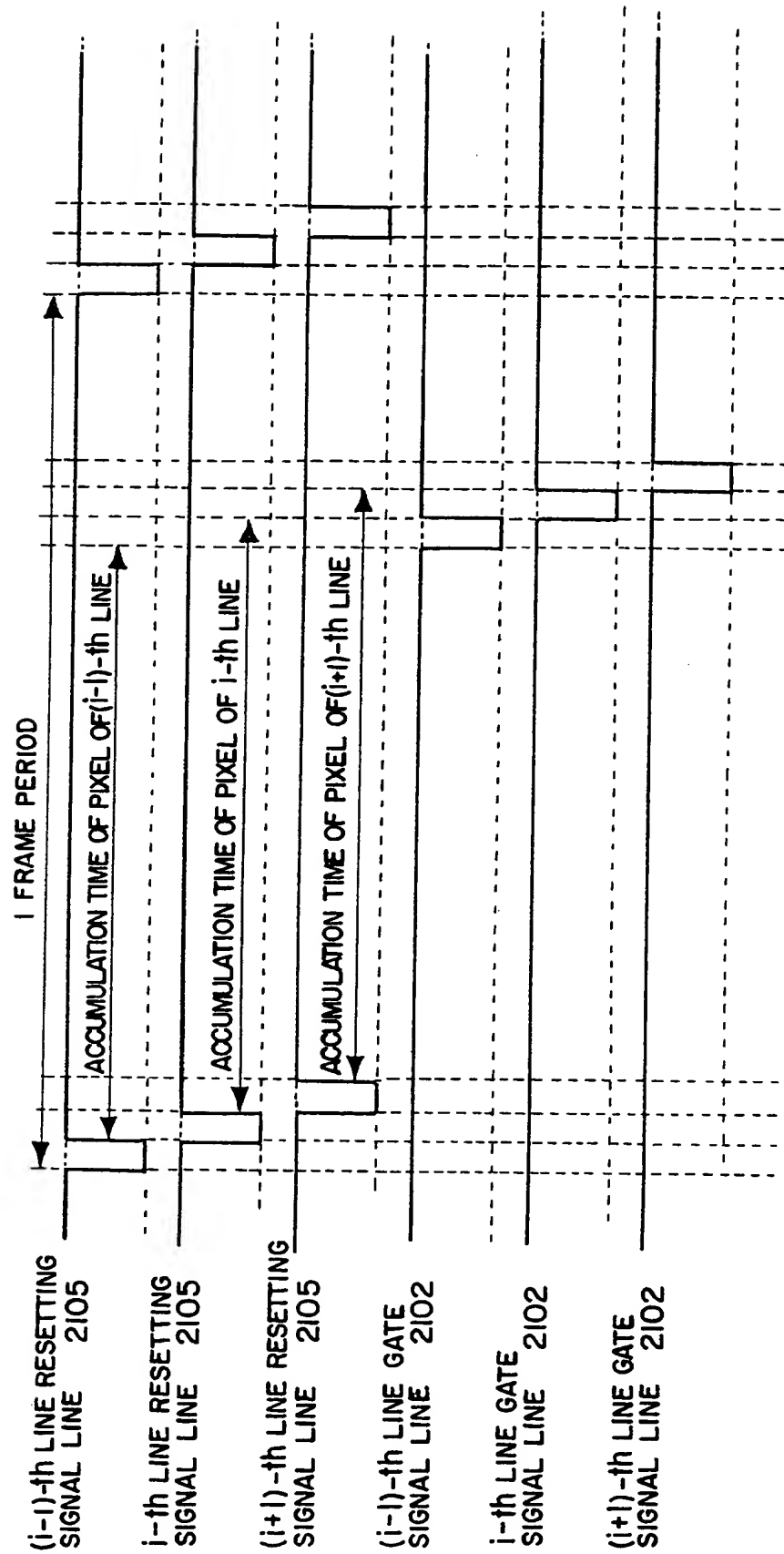


FIG. 27

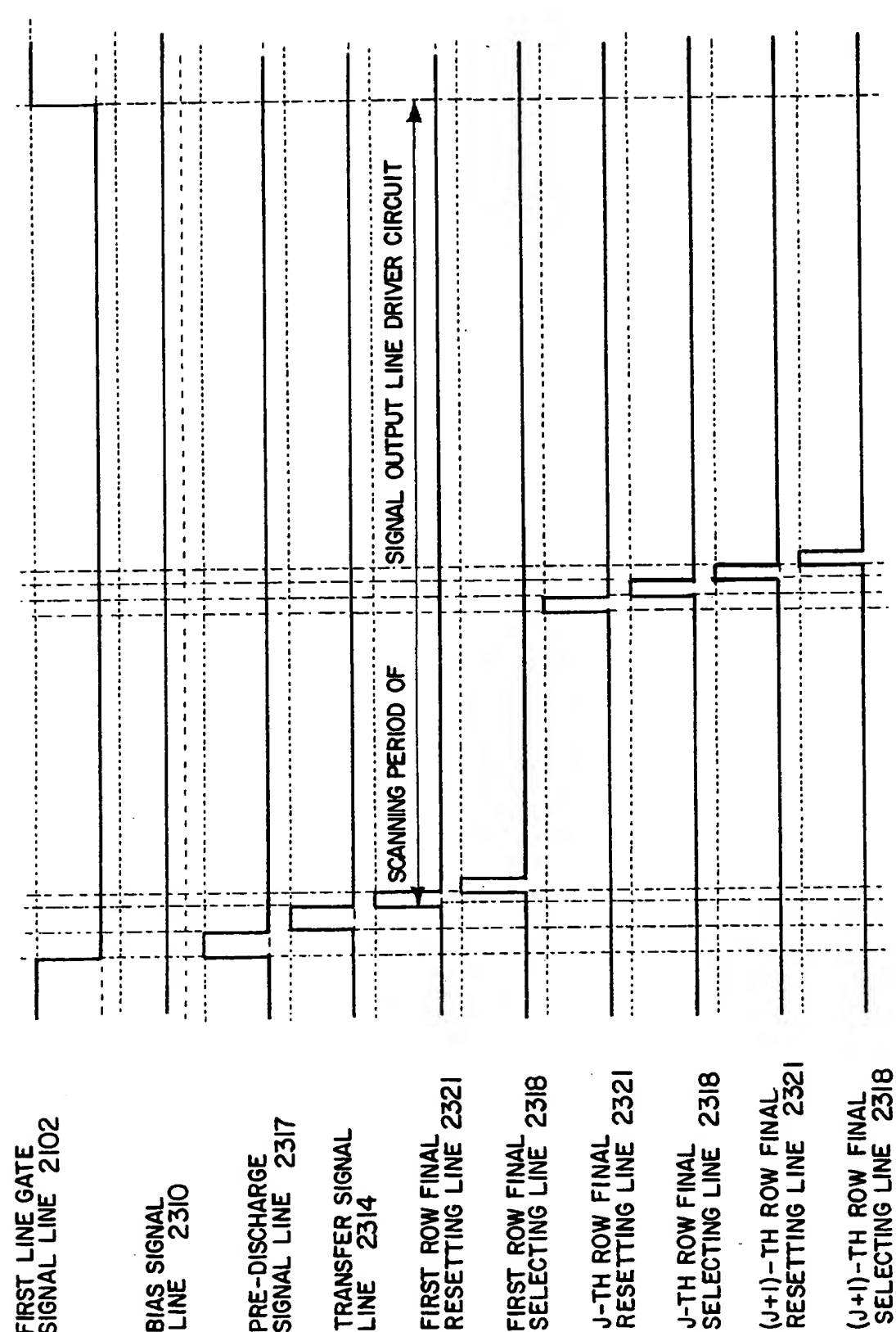


FIG. 28

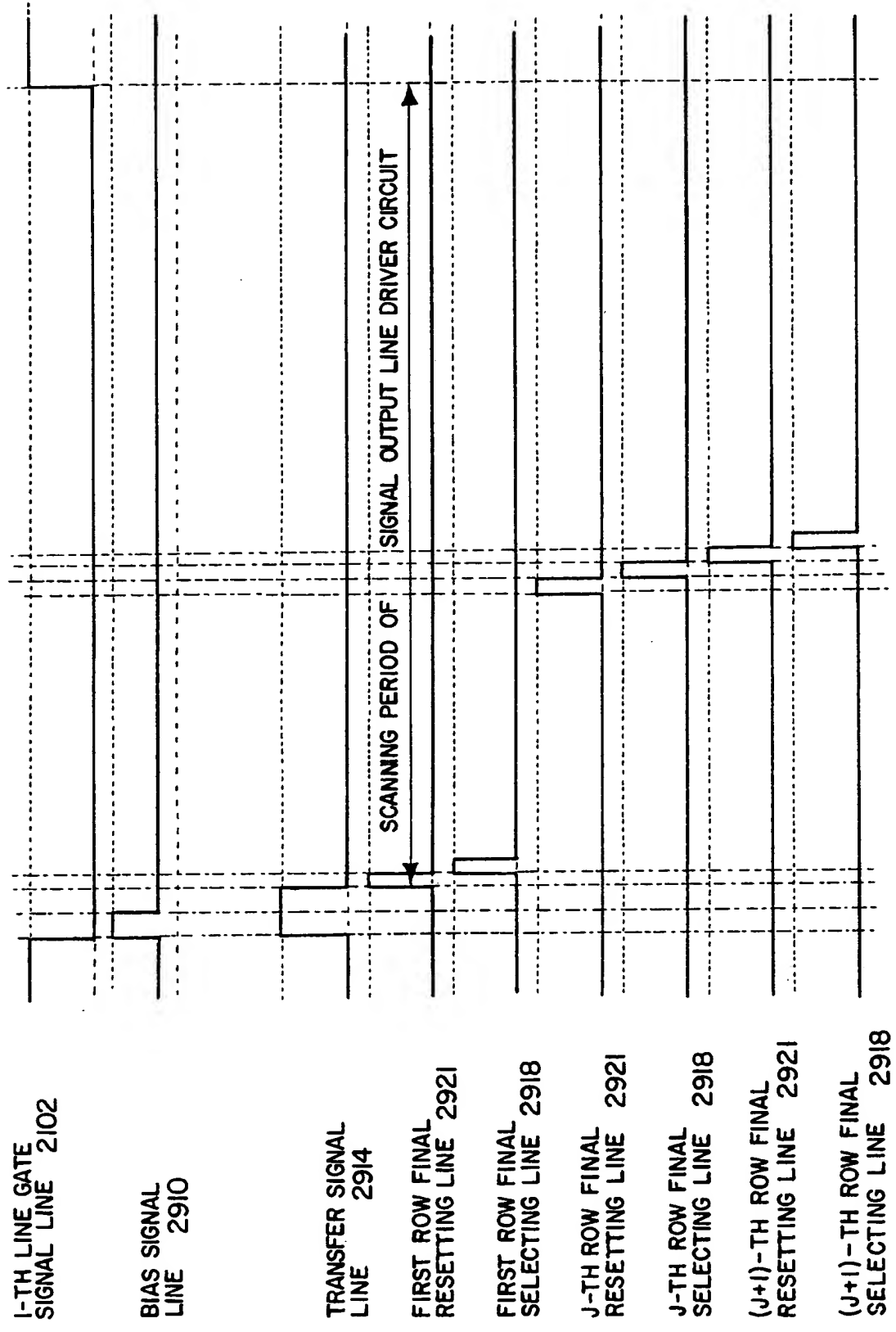


FIG. 29

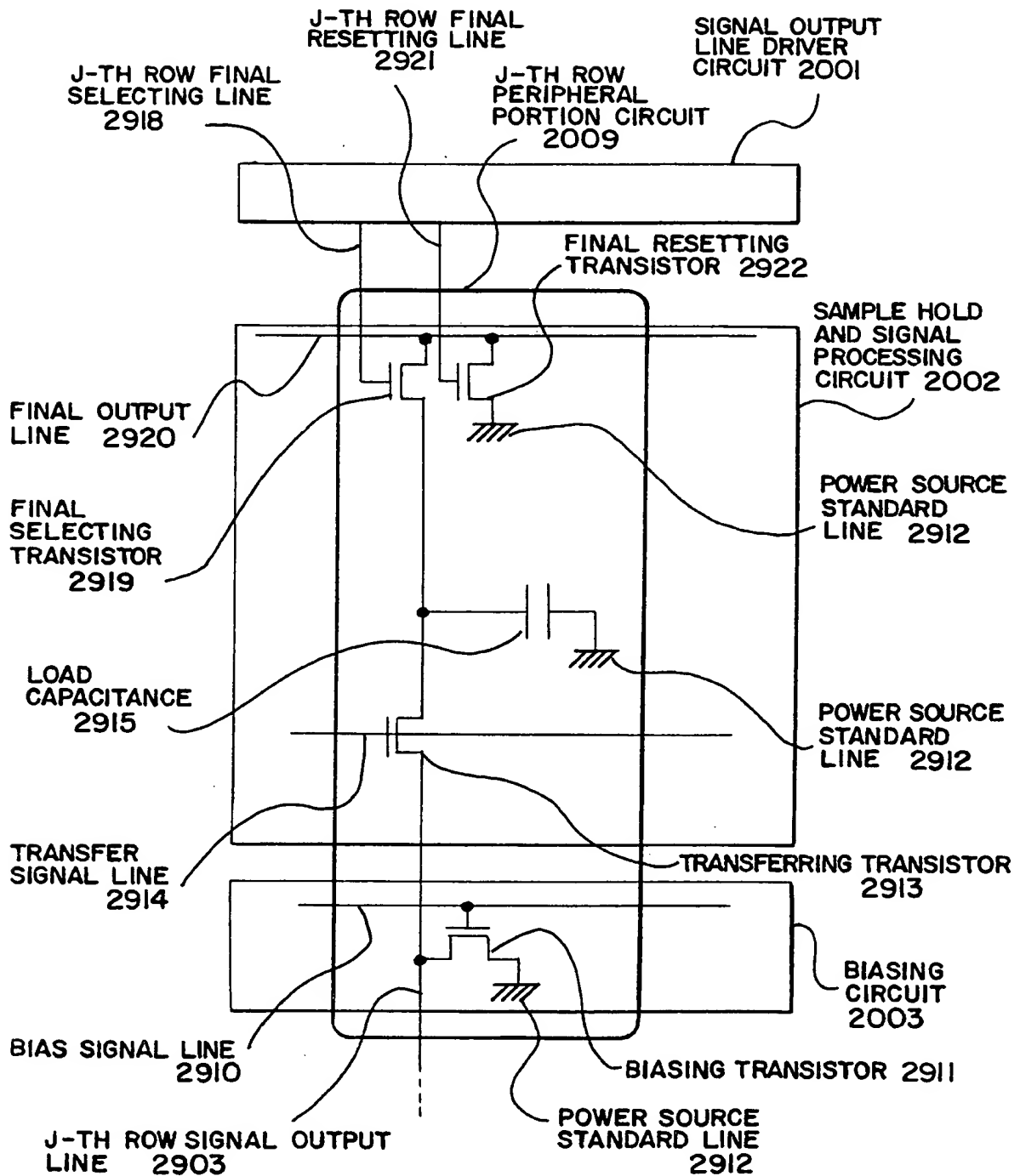


FIG. 30A CRYSTALLIZATION STEP

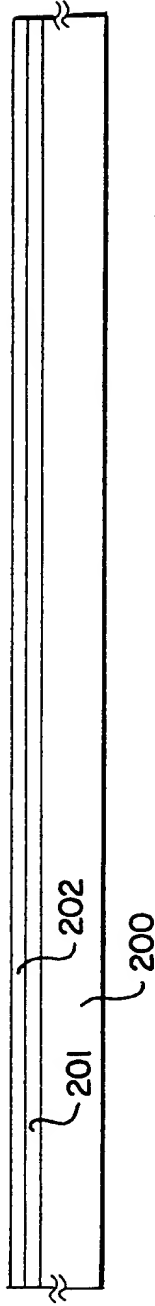


FIG. 30B

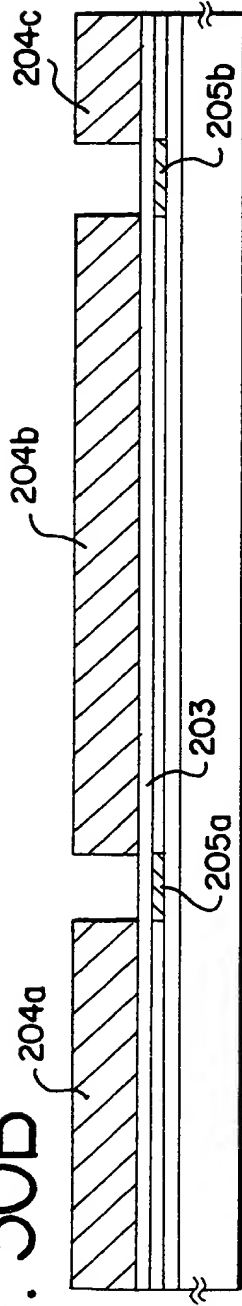


FIG. 30C

LASER ANNEALING STEP



FIG. 30D



FIG. 31A

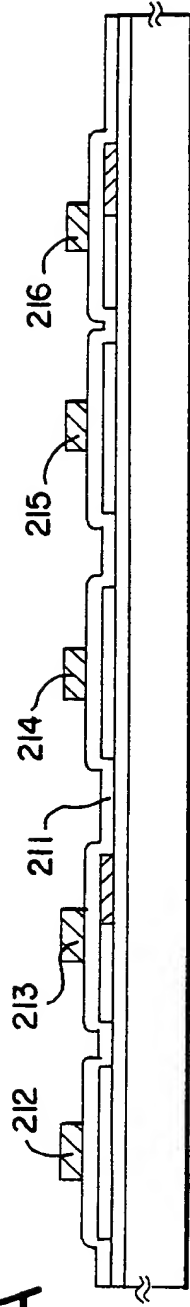


FIG. 31B

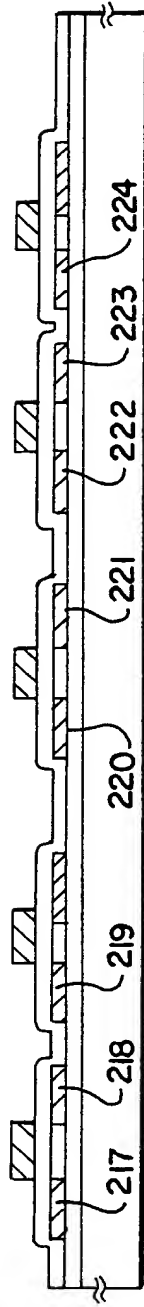


FIG. 31C

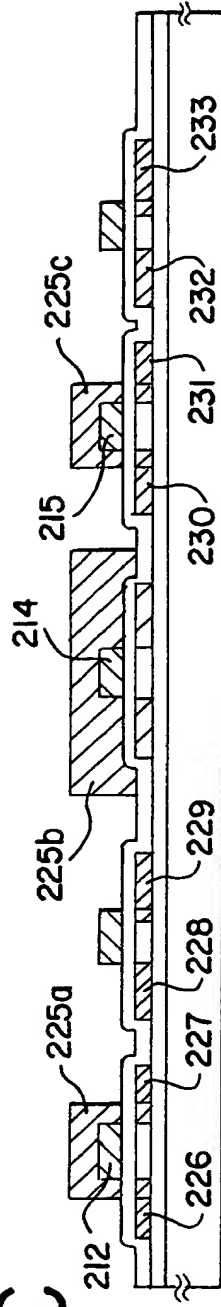


FIG. 31D

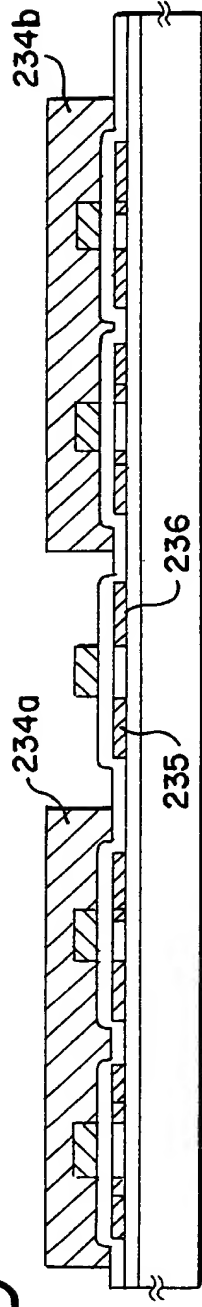


FIG. 32A

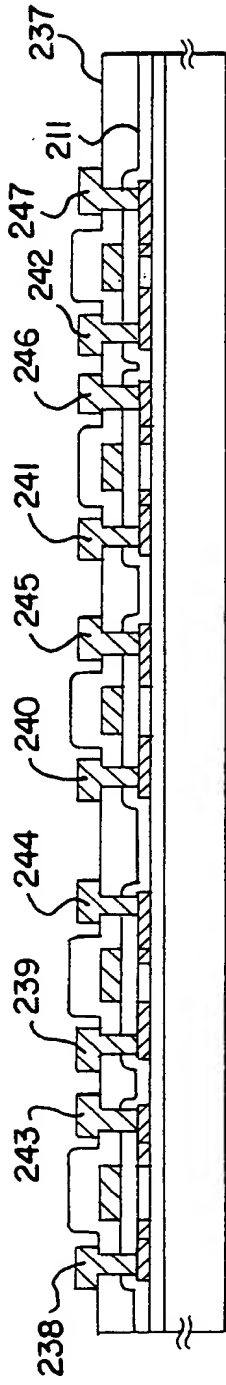


FIG. 32B

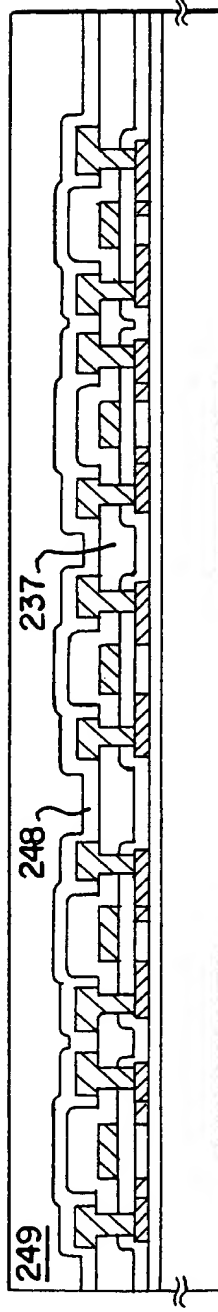


FIG. 32C

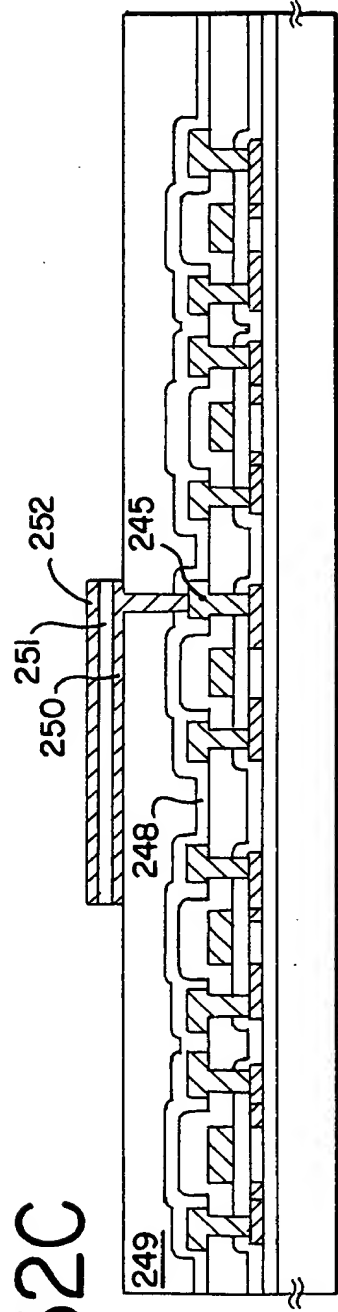


FIG. 33A

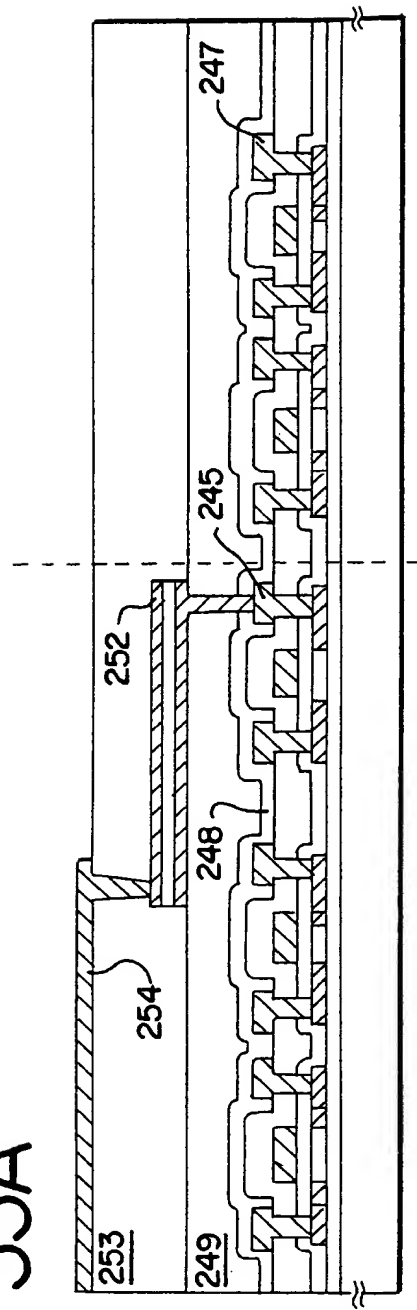


FIG. 33B

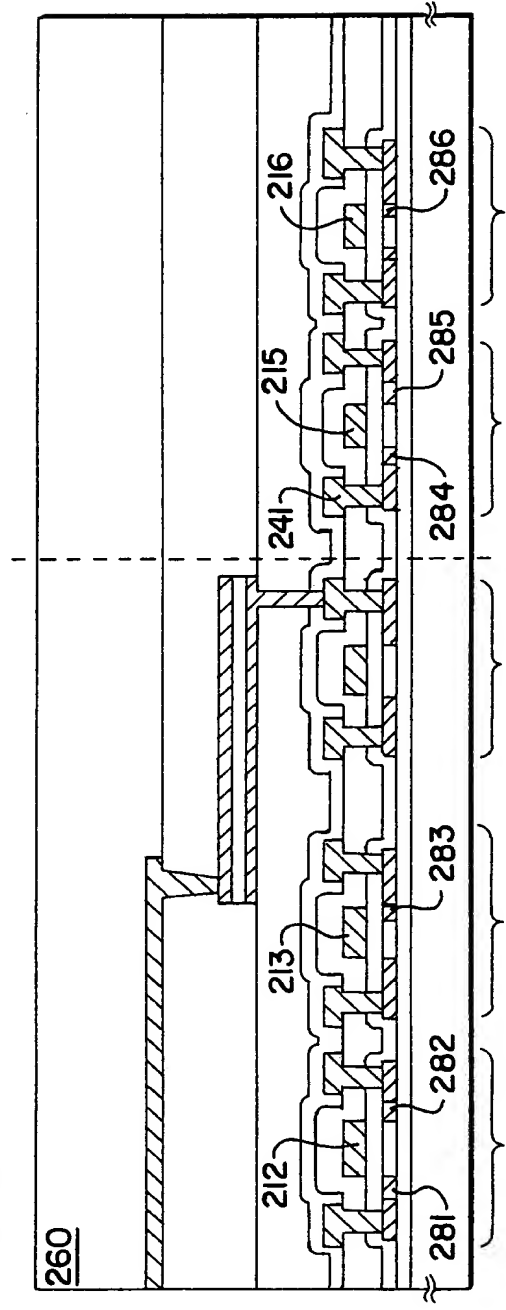


FIG. 34A

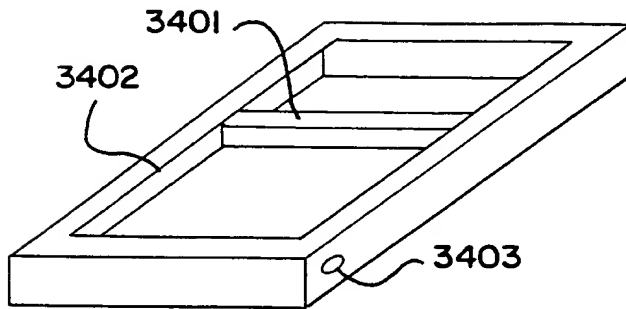


FIG. 34B

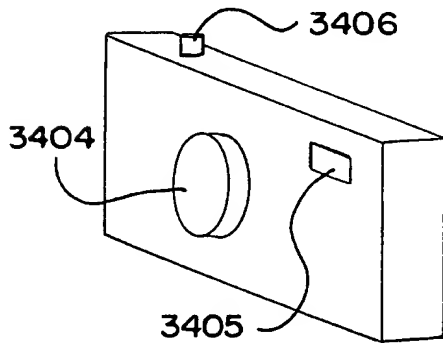


FIG. 36

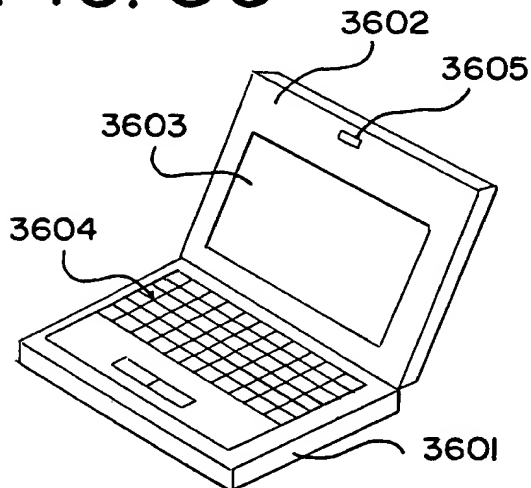


FIG. 35

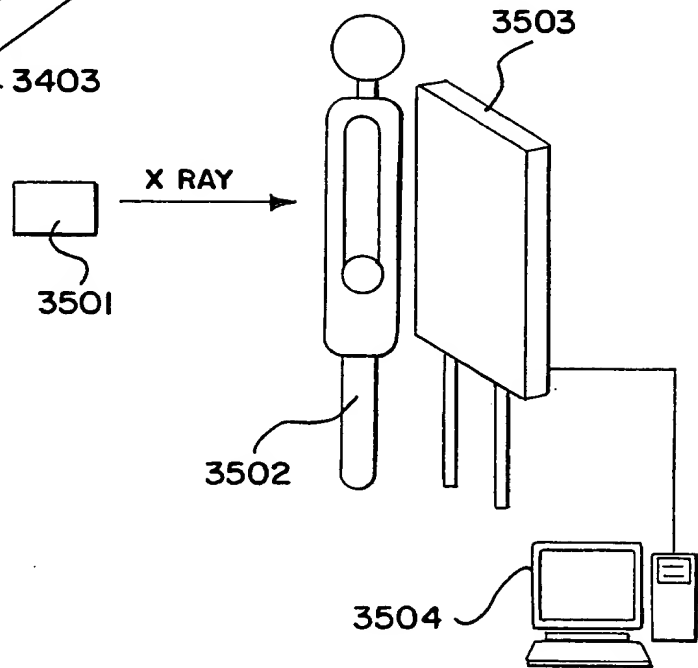


FIG. 37

